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CODE IDENT NO. 81205

	TITLE FLIGHT ARTICLE MASS PROPERTIES REPORT FOR MINUTEMAN
	WING II COMPONENTS FOR MISSILE 739-786
	MODEL NO. WS-133A CONTRACT NO. AF04(694)-46
	ISSUE NO. 20 ISSUED TO ASTIGE
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SUMMARY

This report contains mass property summaries of the Boeing components for a series of Operational Wing II Minuteman missiles. The serialized components included in the data for each missile are those committed to that particular missile during the course of production in Seattle and may not be the ones finally installed during assembly at Air Force Plant 77.

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1.0	INTRODUCTION

- 1.1 REFERENCES
- 1.1.1 BSD Exhibit 62-45, "Mass Properties Control data for WS-133A Dated 3 August 1962.
- 1.2 CCN 258 (BSD-63MSN-2597) to AFO4(647)-580 dated 5 October 1962.
- 1.1.3 Boeing Document D2-13943-2 "Flight Article Mass Properties Report
- Boeing Document D2-13944-501, "Flight Article Mass Properties"
 Report for Missile 5010Components (""")
- Boeing Locument DZ-13956-2 "Statistical Means and Dispersions for the Mass Properties of OBO eing Components for the Ming II Operational Minuteman Missile June 1, 1963."
- 1.1.6 Boeing Document D2-13947-30x "Air Force Plant 77 Flight Article Mass Properties Report for Missile 2005.
- 1.2 COMPONENT SERTAL NUMBERS.

Component serial numbers a property of the data summary sheet for each missile. See pages 11. through 55%

1.3 DISCUSSION of

This veight report for the Boeing components of a series of Operational Wing II Minutement his all the presented in accordance with section 3.11 of BSD Entitute 2.45 (reference 1.12) as authorized by CCN 258 to AFO4 (647) 580 (reference 1.12). Since the data are to be reported monthly this report contains data for a series of Wing II missiles whose components were manufactured recently. The report includes actual mass properties for the major components assisted to each missile in the manufacturing records at Seattle. (These may not be the same components finally assembled together at Air Porce Plant 7.5 See reference 1.1.6 for the final configuration). Mean mass properties are used for components other than the interstricts aft skirt, and base heat deflectors since the weights for these remaining items are small. Mean and dispersion back up data for these items can be found in the latest quarterly means and dispersions report (reference 1.1.5).

The data presented in this report consist of (1) sectional summaries of the total Boeing weight responsibility for each missile covered by this report, (2) a sectional summary of the components whose mean weights are used in lieu of actual weights, (3) summary check lists by missile section, (4) a list of Engineering Change Proposals incorporated on the hardware included in this report, and (5) actual weighing records for the interstages, the aft skirt, and the base heat deflectors.

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The actual veighing records for the major components covered by this report can be found in section 6 (pages 65 through 209). In order to limit the size of this report, weighing diagrams and inventory lists have been emitted for all but the first unit of each interstage and skirt since the components have all been weighed in the "complete" condition. However, these records are on file and can be supplied if necessary. The change records found in section 6 are listed in order by serial number for each major component in order to assist in cross referencing the components in ease of substitution at a later date.

1.4 CTLI PROVISIONS

The only CTLI provisions incorporated into this report are those components which are installed on every operational missile. The mass properties data for CTLI components which will be added at Vandenberg Air Force Base are reported in reference 1.1.3.

1.5 WEIGHING PROCEDURES

A description of the weighing procedures and an accuracy statement will be found in reference 1.1.4.

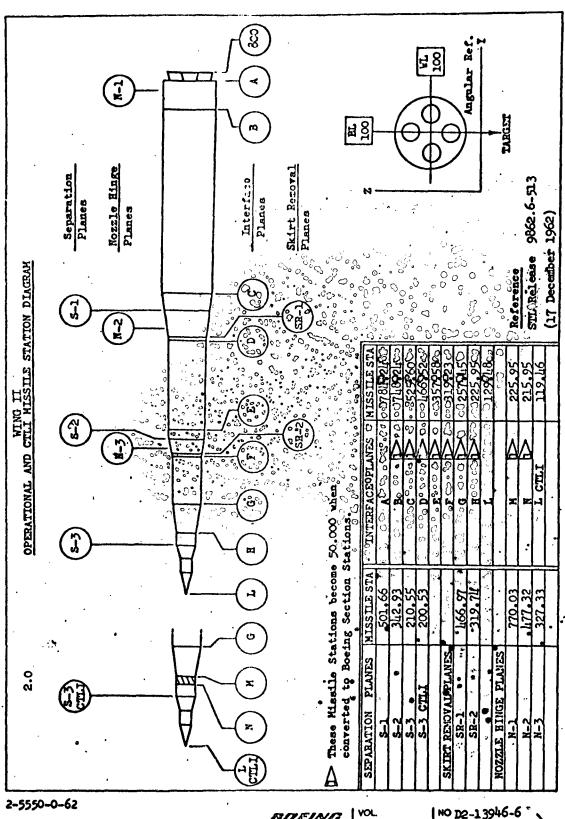
1.6 ENGINEERING CHANGE PROPOSAL (ECP) SUMMARY

See page 64 for a list of the ECP's incorporated on the Boeing components covered by this report. The ECP's listed are those not covered by the latest revision to "Model Specification for Guided Missile Main Assemblage (S-133-1000-0-1)" dated 15 March 1963.

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SEC. | NO D2-13946-6 * \

3	.1	MISSILE NO. 739 WEIGHT AND DAIA	REPORT NO.							
L		MAJOR COMPONENT				DATE				
LINE	33	DESCRIPTION	DATA	EXPENDED WEIGHT	WEIGHT		R OF GRA		SLUG F	RTIA T ² x10 -3
	4			(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
	41	RV Spacer	Silo	 		<u> </u>	 			
15			Acro				ļ	 		
1		CTLI Section								
			Silo]					
15	1_	0000	Acro		1 00	700 01	100.00	100 00	0	
1.7		G&C Section	Silo		1.02	89.94	100.00	100.00		<u>0</u>
1 8			Aero	 			ļ			
10		3rd Stage Engine		 	17.65	98.69	106.37	111.27	0	.003
îi			Silo	.43		94.95	110.30	117.70	0	0
12			Aero	.85		94.95	110.30	f17.70	0	O
113	.].		Base	.20		131.00	100.00	100.00	0	0
14		Interstage 2-3			120.33	59.65	100.13	101.55	-010	.006
15		(Fwd)	Silo Aero	 						
16	 	·	Base	2.81		57.33	107.51	198.65	0	0
. 18	1-		Silo	1.92		61.11	101.01	101.74	0	Ö
19		Jettisoned	Aero	3.11Q		61.59	100.27	100.47	0	ō
20		Portion	Base							
21	<u> </u>	<u> </u>	- Jett	87.72		61.49	98.96	100.77	.008	.005
22		Interstage 2-3			73.62	_ 60.59	99.30	101.42	.006	.003
23	+-	(Aft)	S110	1.18		70.03 82.00	100.50	100.84 105.23	0	0
25		2nd Stage Engine	Aero	1.10	32.78	146.44	106.00	110.46	.001	.018
126		AND THE RESERVE	Silo	.63	JE · IU	99.62	112.30	121.20	0	0
27 28	\Box		Acro	.53		99.62	112.30	121.20	Ŏ	0
			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interstage 1-2			243.21	67.43	99.50	101.60	.032	.022
30	 -	(Fvd)	Silo	 						
31 32	 		Aero Base	3.10		64.06	110 20	116 65		
33	1-		- Silo	4.21		66.61	112.35	115.53 100.55	.001	0
34	<u> </u>	Jett!soned	_Aero_	7.56		66.87	100.10	100.17	.001	.001
35		Portion	_Base_	5.40 193.47		67.09	100.27	100.76	.001	0
136		<u> </u>	- Jett	198.47		69.15	98.60	101.07	.028	.018
32	42	Interstage 1-2	613-	2 22	129.27	96.90	100.81	99.82	.024	.014
39	+	(Aft)	Silo	3.37 3.41		96.69 97,71	100.34	100.59	.001	<u> </u>
150	48	let Stage Engine	_Acro_	 	61.19	226.74	109.97	116:86	.001 .004	.115
41			Silo	2.89	<u>~-•+7</u>	190.41	111.84	120.45	0	.004
41 42			Aero	1.04		136.60	117.20	129.70	Ö	.001
43	<u> </u>	Skirt	Base	4.80		309.40	100.00	100.00	0	0
144	49	Skirt			280.59	68.41	100.77	101.12	.064	.039
45 45 45 45 49 50 51 52	 		Silo	17.57		68.02	100.35	100.60	.004	-005
品			_Acro_ Base	3.33		_67.8 <u>0</u> _69.10	100.64	101.12	.001 .009	•006
48	1	MISSILE	Uuisti	10.00	949.64	77.17	10110	202.10	,	•000
49			Silo	32.20						
50			Aero	21.25						
51	L		Bane	58.71			1			
52		oeing Section St		286.19]	٥	I			

Boeing Section Stations (See Missile Station Diagram)
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3.8	2	MISSILE NO. 740)			nno.	7 110				
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L		MAJOR COMPOHERE			1	DATE					
LINE	SEC.	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL WEIGHT	CENTE	R OF GRA	VITY	inertia siug ft2x10-3		
H		2220131 2401		(LB)	(LB)	IONG.*	LAT.	VERT.	ROLL	"PITCH"	
l	41	RV Spacer									
_2 3			Silo								
			Aero								
4	39	CTLI Section		ļ							
5			Silo	ļ			 	ļ		ļ——	
		00.0	Acro	 	1.00	100	100 00	100.00	0	0	
7.	42	G&C Section		 	1.02	10.94	100.00	100.00	<u>-</u>	<u> </u>	
8			Silo	·			 				
10	1.7.	3rd Stage Engine	Aero	 	17.55	98.70	106.40	111.33	0	.003	
11	7.7	Ja orage rugine	Silo	.43	<u>#</u> 1 : 22	34.95	110.40		00	0	
12			Aero	.80	· · · · · · · · · · · · · · · · · · ·	94.95	110.30	117.70	0	Q	
13			Base	.20	***************************************	131.00	100.00	100.00	0	Ŏ	
14	45	Interstage 2-3		1	119.88	59.72	100.06	101.45	.010	.006	
15		(Fwd)	Silo								
16			Aero								
12			Base	2.81		57.33	107.51	108.65	0	0	
18		Γ	Silo	1.92		61.11	101.01	101.74	0	0	
19		Jettisoned	_Aero_	3.4Q_		61.59	100.27	100.47	0	0	
20		Portion	Base_	 				Jac 7			
21	-	<u> </u>	- Jett	87.27		61.60	98.86	100.61	.008	.005	
122	45	Interstage 2-3			63.30	<u> 0.59</u>	99.30	101.42	.006	.003	
23. 24		(ASt)	Silo	1.18		70.03	100.50		0	0	
	46	2nd Stage Engine	Aero	1.10	32.97	146.71	103.07	105.23		.018	
26	ענ	THE PARKE SHEYILD	Silo	.63	16.57	99.62	112.30	121.20	.001	.010	
27			Acro	.53		99.62	112.30	121.20	0	0	
27 28			Base	1.80		189.25	100.00	100.00	0	0	
	47	Interstage 1-2			243.81	67.20	99.58	101.57	.032	.022	
30		(Fwd)	Silo								
31			Aero								
32			Base	3.10		64.06	112.35	115.53	0	0	
33.	 	<u> — </u> г	Silo	4.21		66.61	100.32	100.55	.001	0	
34		Jett!soned	_Aero_	7.56		66.87	100.10	100.17	.001	.001	
35 36	 	Portion	_Base	5.40	\	67.09	100.27	100.76	.001	0	
32	42	Interstage 1-2	- Jett	199.07	100 60	63.86 96.90	98.71 100.81	101.04 99.82	.028	.018	
38	"	(Aft)	Silo	3.37	129.62	96.69	100.34	100.59	.024	.014	
39			Acro	3.41		97.71	100.34	103 11	.001	0	
40	48	lat Stage Engine			61.62	227.38	109.90	116.74	•001	.115	
41			Silo	2.89		190.41	111.84	120.45	0	•004	
42			Aero	1.04		136.60	117.20	129.70	Ö	.001	
[43]			Base	4.80		309.40	100.00	100.00	Ö	0	
44	49	Skirt			281.74	68.51	101.01	101.13	.064	•039	
15			Silo	17.57		68.02	100.35	100.60	.004	.002	
461			_Aero_	3.33		67.80	100.64	101.12	.001	0	
45 46 42 48		W20071 TO	Base	40.60		69.10	101.70	102.76	• 0 09	.006	
10		MISSILE			951.51						
9 9 2			_\$110_	32.20]	
22			_Aero	21.25]	
24			_Вале	58.71]	
52		oeing Section St		286.34							

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3.	3	MISSILE NO.741				penor	T 110			
"	WEIGHT AND BAIANCE SUIDARY						REPORT NO.			
	Major components s/n 0009240						DATE			
E	ន្ល			EXPENDED		CENTE	R OF GRA	INERTIA SIJG FT2x10-3		
LINE	8	DESCRIPTION	DATA	WEIGHT (IB)	(LB) WEIGHT	LONG.*	LAT.	VERT.	ROLL	PITCH
ī	41	RV Spacer				2771.03		1		
2		M Dpree 31	Silo	İ			t			
3			Aero							
4	39	CTLI Section					İ			
			Silo							
5 6			Aero							
1.2	42	G&C Section			1.02	80.94	100.00	100.00		0
8 9			S110_	ļ		ļ <u>.</u>				
			Aero	ļ	17 56	93.72	106.40	111.33	0	002
10	92	3rd Stage Engine	647-	.43	17.56	94.95	110.30	117.70	0	.003 0
11			Silo Aero	.80		94.95	110.30	117.70	0	0
12			Base	.20		131.00	100.00	100.00	0	ŏ
13 14	45	Interstage 2-3		 	120.24	59.99	103.17	101.54	.010	.006
15		(Fwd)	Silo							
16			Aero						<u></u>	
12			Base	2.81		<u>57.33</u>	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	<u> </u>
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	<u> </u>	0
20		Portion]	Base	87.63		61.97	99.01	100.74	.008	.005
21 22	1,5	Interstage 2-3	- Jett	01.07	63.54	61.91	99.01	101.42	.006	.003
23	뀍	(Aft)	Silo	1.18	<u> </u>	E2.27	100.50	100.84	0	0
23. 24			Aero	1.18		62.00	103.07	105.23	ŏ	ŏ
	46	2nd Stage Engine	X		32.87	146.57	105.99	110.43	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27 28	 		Acro	-53		99.62	112.30	121.20	0	0
28			Base	1.80		189.25	100.00	100.00	0	0
129	42			 	243.56	67.14	99.63	101.57	.032	.022
30 31		(Fvd)	Silo Aero	 						
32			Base	3.10		64.06	112.35	115.53	0	0
33		P	- Silo	4.21		66.61	100.32	100.55	.001	0
34		Jettisoned	_Aero_	7.56		66.87	100.10	100.17	.001	.001
35		Portion		5,40 198.82		67.09	100.27	100.76	.001	0
36.	ايا	<u> </u>	- Jett	198.82		68.80	98.76	101.04	.028	.018
	42				129.47	96.90	100.81	99.82	.024	.014
38 39		(Aft)	Silo	3.37 3.41		·	100.34	100.59	.001	0
公	48	let Stage Engine	Aero	1-3-4-	61.50	97.71 227.23	101.98 109.92	103.41 116.78	.001 .004	.115
41		PA A PARTIC	Silo	2.89	01.77	190.41		120.45	0	.004
42			Aero	1.04		136.60		129.70	Ö	.001
43			Base	4.80		309.40		100.00	Ö	0
44	49	Skirt			281.84	68.47	100.94	101.07	.064	.039
45			Silo	17.57		68.02	100.35	100.60	•004	.002
146	\vdash		Yero	3.33		_67.80	100.64	101.12	.001	0
45458482858 445848858	لـــا	VICCIID	Base	40.60	057 (5	69.10	101.70	102.76	.009	.006
끊		MISSILE	641-	22 20	951.60					
띩			_Silo_ _Aero	32.20 21.25						
討			Вове	58.71			-			
52			Jett	286.45						
		oeing Section St				لسيسيا				

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**Boeing Section Stations (See Missile Station Diagram)
**Poeing Section Station Section Section Diagram (See Missile Station Diagram)
**Poeing Section Section Section Diagram (See Missile Station Diagram)
**Poeing Section Section Section Diagram (See Missile Station Diagram)
**Poeing Section Section Section Diagram (See Missile Station Diagram)
**Poeing Section Section Diagram (See Missile Station Diagram

3	3.4 MISSILE NO. 742 WEIGHT AND BAIANCE SUIDARY MAJOR CONTONUETS S/N 0000250					REPORT NO.					
100	T	MAJOR CONTONIER	<u>3 8/N 0</u> 1	000250 Expended	NV-101 A V				INERTIA		
LINE	SS	DESCRIPTION	DATA	WARIGHT	WEIGHT	L				T2x10-3	
-	 			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH	
1	41	RV Spacer	<u> </u>	 			ļ		<u> </u>	ļ	
2			Silo	 			<u> </u>	<u> </u>	ļ	ļ	
13		CTLI Section	Acro		1	ļ	 	 		 	
5		OTHE SECTION	Silo	 		 	 	 		 	
6	 		Aero	-		<u> </u>		 		!	
		G&C Section			1.02	80.94	100.00	1.00.00	0	0	
8			Silo								
12	,		Aero				ļ				
	44	3rd Stage Fogine		·	17.62	98.83	106.38	111.29		-003	
11			Silo	.43		24.95	110.30	117.70	0	0	
12	-		Aero	.80		94.95	110.30	117.70	0	ŏ	
14	45	Interstage 2-3	Вале	.20_	120.45	131.00 59.83	100.00	101.56	.010	.006	
15	12	(Fwd)	Silo		150.43	73.07	100.10	101.70			
16			Aero	1						1	
17			Вабе	2.81		57.33	107.51	108.65	0	0	
18			- Silo	1.92		61.11	101.01	101.74	0	0	
13		Jettisoned	_Aero_	3.40		61.59	100.27	100.47	0	0	
20		Portion	Base								
21	1.5		- Jett	£7.81	75.70	61.74	99.00	100.77	.008	.005	
22.	45	Interstage 2-3 (Aft)	Silo		<u>63.68</u>	(၁.5 <u>9</u>	99.30	101.42	.006	.003	
23. 24			Aero	1.18 1.18		60.97 62.00	100.50	100.84 105.23	0	0	
	46	2nd Stage Engine	NETO_	1.1(/	32.87	146.57	105.99	110.43	.001	.018	
126	1 (PARTY ENGINEERING	Silo	.63		99.62	112.30	121.20	0	0	
27			Acro	.53		99.62	112.30	121.20	Ö	ŏ	
120) 	Base	1.80		189.25	100.00	100.00	0	0	
29	42	Interstage 1-2	<u> </u>		243.97	67.33	99.73	101.38	.032	.022	
30 31		(Fwd)	Silo								
32			<u> Aero</u>			()					
33			Base Silo	3.10 4.21		64.06	112.35	115.53	0		
34		Jettisoned	_Aero_	7.56	 }	66.61 66.87	100.32	100.55	.001	0	
35		Portion	Base	5.40		67.09	100.27	100.76	.001	001	
36.		t	- Jett	199.23		69.04	98.90	100.80	.028	.018	
37	47	Interstage 1-2			129.71	96.90	100.81	99:82	.024	.014	
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0	
39	40	let Stage Engine	Acro	3.41	<u> </u>	97.71	101.98		.001		
뀱	25	Adrocage Lagine	Silo	2.89	61.59	227.34	109.91	116.75	.004	.115	
42		····	Aero	1.04		190.41	111.84	120.45	<u> </u>	-004	
11 1			Base	4.80		309.40	117.20	129.70	0	.001	
44	49	Skirt		 - : : ` ' 	231.49	68.46	100.74	101.17	.064	.039	
45			Silo	17.57		68.02	100.35	100.60	.004	.002	
46			Vero	3.33		67.80	100.64	101.12	.001	Ö	
42			Base	40.60		69.10	101.70	102.76	• 0 09	.006	
40		MISSILE			952.40						
띯			_\$110	32.20							
떩			_Aero_	21.25							
纺		Skirt MISSILE	Base _Jett	58.71 287.07							
ا جوما	# D	oeing Section St	ations i	(500)(100	11a Stat	dan Diam					

Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**Roeing Section Stations (See Missile Station Diagram)
**Property Vol. | NO D2-13946-6 | SEC. | PAGE 14

3.	5	MISSILE NO. 743	NOD 0015	IA TOY		RiPOR	T 110.				
1		WEIGHT AND BAIA			•						
12	ន់			EXPENDED			R OF GRA	VITY			
LDE	330	DESCRIPTION	DATA	WHIGHT (LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH	
II.	41	RV Spacer									
2			Silo								
<u>_3</u>			Aero								
4	39	CTLI Section					ļ				
5	_		Silo	<u> </u>			<u> </u>				
16			Acro	<u> </u>		00 01	100.00	100.00	0	0	
	42	G&C Section		 	1.02	80.94	100.00	100.00		<u></u> {	
8		·	Silo								
10	LL	3rd Stage Engine	Aero	 	17.61	98.81	106.37	111.30	0	.003	
11	3.3	VIO DENKO EUKTIIG	Silo	.43	71.01	94.95	110.30	117.70	0	0	
12			Aero	.80		94.95	110.30	117.70	0	0	
13			Base	.20		131.00	100.00	100.00	0	Ô	
14	45	Interstage 2-3			120.48	59.70	100,22	101.58	.010	.006	
15		(Fwd)	Silo								
16	$\vdash \dashv$		Aero				367	700.7=			
17		•	Base	2.81		<i>5</i> 7⋅33	107.51	108.65	0	- 0	
18 19		Ya444	- Silo	1.92		61.11 61.59	101.01	101.74	0	0	
20		Jettisoned Portion	Aero Base	3.110		01.79	100.21	100.41	<u> </u>		
21	Н	10101011	- Jett	87.87		61.56	99.09	100.79	.008	.005	
	45	Interstage 2-3		91.01	63.70	80.59	99.30	101.42	.006	.003	
23		(Aft)	Silo	1.18		82.27	100.50	100.84	0	0	
23. 24			Aero	1.18		82.00	103.07	105.23	Ŏ	Ŏ	
	46	2nd Stage Engine			3 2.85	146.54	105.99	110.44	.001	.018	
26	 -		Silo	.63		99.62	112.30	121.20	0	0	
27	-		Acro	.53		99.62	112.30	121.20	0	0	
28	4.5	7-44 3 5	Base	1.80	0.5 ~~	189.25	100.00	100.00	0		
29 30	7.7	Interstage 1-2 (Fvd)	643-	 	243.97	67.10	99.63	101.42	-032	.022	
3	\vdash	/1 wq /	Silo Aero	 			 				
32			Base	3.10		64.06	112.35	115.53	0	-	
33			- Silo	4.21		66.61	100.32	100.55	.001	-	
34		Jettisoned	Aero	7.56		66.87	100.10	100.17	.001	001	
35	\Box	Portion	Base	5.40		67.09	100.27	100.76	.001	0	
36.	<u>. </u>	<u> </u>	- Jett	199.23		68.74	98.75	100.85	.028	.018	
37	42	Interstage 1-2		 	129.71	96,90	100.81	99.82	.024	.014	
38 39		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	_ 0	
4	48	let Stage Engine	Aero	3.41	61,47	97.71			.001		
41		TAT T TWEE SMEETING	• Silo	2.89	01.4	227.16 190.41	109.93 111.84	116.78 120.45	.004	.115	
41 42			Aero	1.04		136.60		129.70	0	.004	
43			Base	4.80		309.40		100.00	- 6	001	
44	49	Skirt			279.14	68.56	100.89	101.04	.064	.039	
45 46			Silo	17.57		68.02	100.35	100.60	.004	.002	
46			_Aero_	3.33		67.80	100.64	101.12	.001	0	
47 48 49 50		Wicotin	Base	40.60	010.05	69.10	101.70	102.76	.009	.006	
70		Missile	645		949.95			·			
떬			_\$11o_	32.20							
쑮			Aero	21.25 58.71							
51 52			_Base_ Jett	287.10							
	4 0	oeing Section St			41a Stat	ton Diag					

3	.6	MISSILE NO. 74 WEIGHT AND DAIA MAJOR CONTONIER	NCE SUIT		· · · · · · · · · · · · · · · · · · ·	REPOI	at 110.			
LINE	88 88	1	DATA	EXPENDED VEIGHT	WEIGHT	CENTE	R OF GRA		SLUG F	RTIA T ² x10 -3
1	↓	 		(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	FILCH
1	41	RV Spacer		 	 		 	ļ	 	ļ
2	 -	<u> </u>	Silo	 	 -			Ļ	 	ļ
14		CTLI Section	Aero	 	 	 	 	 	 	
5	22	Girr section	Silo	 	ļ	 -	 	 	 	ļ
6	 		Aero	 	 		 	·	 	†
		G&C Section	T. ACLV		1.02	80.94	100.00	100.00	0	0
8			Silo		1		1	1		
9			Aero							
	44	3rd Stage Engine			17.63	98.85		111.28	0	.003
IJ	 		Silo	.43		94.95			0	0
12	_		Aero	.80_		94.95	110.30		0	Q
13 14), <u>-</u>	\	Base	.50		131.00	100.00		0	0,
	195	Interstage 2-3		 	119.91	_ 59.85.	100.09	101.67	.010	-006
15	ļ	(Fwd)	Silo	 	 -		 	 	 -	
16 17			Aero Base	2.81		57.33	107.51	108.65	 	
18	†		- Silo	1.92		61.11	101.01	101.74	0	0
19	i	Jettisoned	Aero	3.40		61.59	100.27	100.47	Ö	
20		Portion	Base			<u> </u>	100.11	200.41		
21		t	- Jett	87.30		61.78	98.90	100.92	.008	.005
22	45	Interstage 2-3		1 31.3.3	63.32	έ0.59	99.30	101.42	.006	.003
23. 24		(Aft)	Silo	1.18		80.27		100.84	0	0
	_		Aero	1.18		82.00	103.07	105.23	0	0
25.	46.	2nd Stage Engine			32.71	146.34	106.01	110.48	.001	.018
26.	-		_Silo_	.63		99.62		121.20	0	0
27 28	<u> </u>		_Acro_	.53		99.62	112.30	121.20	0	00
	1.2	T-A 3 3	Base	1.80	01 0 70	189.25	100.00	100.00	0	0
30	77.	Interstage 1-2 (Fwd)	C41-		243.69	67.03	99.65	101.42	.032	.022
31		11 MO1	Silo Aero				ļ			
32			Base	3.10		64.06	110 25	335 53		
32 33		-	- Silo	4.21	-	66.61	112.35	115.53 100.55	.001	<u> </u>
74		Jettisoned	_Aero_	7.56		66.87	100.10	100.33	.001	.001
35		Portion	_Base_	5,40		67.09	100.27	100.76	.001	0
36.1	لب	L.	- Jett	198.95		68.66	98.79	100.85	.028	.018
37	42	Interstage 1-2			129.74	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34		.001	0
39 40	48	let Stage Engine	Aero	3.41	- (2 / 5	97,71	101.98		.00]	0
41	79	Lot Stage Engine	Silo	2 00	61.65	227.42	109.90	116.73	.004	
42	\exists		Aero	2.89		190.41	111.84	120.45	0	-004
43			Base	4.80		136.60 309.40	117.20	129.70	<u> </u>	.001
	49	Skirt	2006	7.00	280.54	68.34	100.00	100.00	.064	0
45			Silo	17.57		68.02	100.35	100.60	.004	.002
46	\Box		Aero	3, 33		67.80	100.64	101.12	.004	
45 46 47 48 49 50			Base	40.60		69.10	101.70	102.76	-009	.006
48		MISSILE			950.01					
19			Silo	32.20						
50			Aero	21.25]				
51]			Base	58.71						
52			Jett	286,25						
4	₽ B	peing Section St	ations (See Miss	ile Stat	ion Ding	(מונינ			

Boeing Section Stations (See Nissile Station Diagram)
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Boeing Section Stations (See Nissile Station Diagram)

Boeing Section Station Station Diagram

Boeing Section
3.	7	MISSILE NO. 746				REPO!	T 110.			
		WEIGHT AND DAIA MAJOR CONFOHER				DATE				
100	1.:	ENDOUG OUT COMPANY	<u> </u>	EXPENDED	TOTAL	ļ		THE STATE OF THE STATE	INE	RTIA
LINE	SEC.	DESCRIPTION	DATA	WEIGHT	WEIGHT	L	R OF GRA			T2x10-3
1-	-	ļ		(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer	 	ļ <u> </u>	 				 	ļ
1-2	 	 	Silo	 	 -	 	 		ļ	 -
		CTLI Section	Aero	 	 	 	 	 	 	
5	ציון	ATHT SECTION	Silo	 	 	 	 	 -		
16	 	t	Acro	 -				 		†
2	42	G&C Section			1.02	80.94	100.00	100.00	0	0
8	 		Silo							
9			Aero							
	144	3rd Stuge Engine		 	17.62	98.83	106.38	111.29	0	.003
11	1	ļ	Silo	.43_		24.95	110.30		0	00
12			Aero	.80		94.95	110.30	117.70	<u> </u>	<u>Q</u>
14	45	Interstage 2-3	Base	.20	119.97	131.00 59.92	100.00	100.00	.010	.006
15		(Fwd)	Silo	 		22.25			• • • • • • • • • • • • • • • • • • • •	1200-
16			Aero							
17			Base	2.81		57.33	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	0
13		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20		Portion	Base	007 57		Z; 0=	00.55	100 50	250	 -
22	Le	Tutanata 2 7	- Jett	87.36	62.55	61.87	99.07	100.70	.008	.005
23	7.7	Interstage 2-3 (Aft)	Silo	1.18	63.36	. ಟ.59 _82.97	99.30	101.42	.006	.003
24	-		Aero	1.18		62.00	100.50 103.07	105.23	0	8
	46	2nd Stage Engine	VETA	4.10	33.09	146.88	105.95	110.36	.001	.018
126		- Linde	Silo	.63		99.62	112.30	121.20	0	0.010
27			Acro	.53		99.62	112.30	121.20	Ŏ	ŏ
28			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interstage 1-2			243.56	67.24	99.45	101.70	.032	.022
30 31		(Fwd)	Silo							
32				2 70		0.50	770 00	335		
32 33 34			Base Silo	3.10 4.21		64.06 66.61	112.35	115.53	0	
34		Jett!soned	_Aero_	7.56		66.87	100.32	100.55	.001	0
35		Portion				67.09	100.27	100.76	.001	001
36	\sqcup		- Jett	5.40 198.82		€8,92	98,54	101.19	.028	.018
37	42	Interstage 1-2			129.47	96.93	100.81	99.82	.024	.014
38 39		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
	48	let Stage Engine	_Acro_	3.41	-(1 50	97.71	101.98	103.41	.001	0
4		Tor orake puklue	Silo	2.89	61.52	227.23	109.92	116.77	-004	.115
42			Aero	1.04		136.60	111.8 ⁴ 117.20	120.45		.004
43			Base	4.80		309.40	100.00	129.70	- 0	.001
44	49	Skirt			279.54	68.43	100.86	101.08	.064	.039
45 46	_		Silo	17.57		68.02	100.35	100.60	.004	.002
46	٠		_Acro_	3.33		_67.80	100.64	101.12	.001	Ö
147		Wingita	Base	40.60		69.10	101.70	102.76	.009	.006
120		MISSILE			949.15					
42 48 49 50 51			_\$11o_	32.20						
떩			_Aero	21.25						
52			_Base _Jett_	58.71 286.18						
	5 D.	oeing Section St								

* Boeing Section Stations (See Missile Station Diagram)
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3.8		MISSILE NO. 747	ion canac	A 7350		REPOR	T NO			
		WEIGHT AND BALAN MAJOR COMPONEUTS		000256		S TAD				
LINE	ន់	DESCRIPTION	DATA	EXPENDED	TOTAL WEIGHT	CENTE	R OF GRA	VITY	INE SLUG F	171A 12x10-3
_	S		2771=16	(LB)	(LB)	IONC *	LAT.	VERT.	ROLL	PITCH
	41	RV Spacer								
_2			Silo							
3	-	OMY T. C.	Aero				ļ	ļ		
	22	CTLI Section	Silo				 			
5	-	·····	Aero							
	42	G&C Section	_ ALLY_		1.02	80.94	100.00	100.00	0	0
8			Silo							
9			Aero							
	44	3rd Stage Engine		ļl	17.59	98.77	106.39	111.31	0	003
11			Silo	.43		94.95	110.30	117.70	<u>o</u>	<u> </u>
12	4		Aero	.80		94.95	110.30	117.70	0	Q
13 1	١٤	Interstage 2-3	Ване	.20_	120.12	131.00 59.93	100.00	101.63	.010	.006
15	4	(Fwd)	Silo	 	Japan V I ability					X 7.5
16			Aero							
17			Base	2.81		57.33	107.51	108.65	0	0
18	_	П	- Silo	1.92		61.11	101.01	101.74	0	
19		lett1soned	<u> Aero</u>	3.40		61.59	100.27	100.47	0	
20		Portion]	Base	87.51		61.88	98.90	100.87	.008	.005
21 22 4		Interstage 2-3	- Jett	01.21	63.46	82,59	99.30	101.42	.006	.003
23	4	(Alt)	Silo	1.18	23.40	80.27	100.50	100.84	0	0
24			Aero	1.18		£2.00	103.07	105.23	ŏ	ŏ
25 4	46	2nd Stage Engine			32.80	146.47	106.00	110.45	.001	.018
26	_		Silo	63		99.62	112.30	121.20	0	0
27 28	_		Acro	.53		99.62	112.30	121.20	0	0
		T-4	Base	1.80	Oko ka	189.25	100.00	100.00	0	0
29 4 30	12	Interstage 1-2 (Fwd)	Silo		243.47	67.41	99.37	101.65	032_	.022
쓠	-		Aero							
32	_		Base	3.10		64.06	112.35	115.53	0	0
33		r	- Silo	4.21		66.61	100.32	100.55	.001	0
34	_	Jett!soned	_Aero_	7.56		66.87	100.10	100.17	.001	.001
35		Portion	_Base	5.40		67.09	100.27	100.76	.001	0
36 37 4	17	Internation 3.3	- Jett	198.73	129.66	69.12	98.45	101.12	.028	.018
38	4	Interstage 1-2 (Aft)	Silo	3.37	154.00	96.90 96.69	100.81	99.82 100.59	.024	.014 0
39			Acro	3.41		97.71	101.98	103.41	.001	0
40 4	+8	let Stage Engine			61.53		109.92	116.77	.004	.115
41 42	_		Silo	2.89		190.41	111.84	120.45	0	.004
42	4		Aero	1.04		136.60	117.20	129.70	0	.001
43		Cladent	Base	4.80		309.40	100.00	100.00	0	0
44 4	יצי	Skirt	6474	17 57	280.14	67.56	100.93	100.96	.064	.039
46	-		Silo Acro	17.57 3.33		68.02 67.80	100.35	100.60	.004	<u>-,∞5</u>
42			Base	40.60		69.10	101.70	102.76	:009	.006
48		MISSILE			949.79					
49			Silo	32.20						
50		,	Aero	21.25						
45 46 47 48 49 50 51			_Base_	58.71						
		oeing Section St		286.24				l	l	

* Boeing Section Stations (See Missile Station Dingram)
2-5550-0-58

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| NO B2-13946-6 | NO B2-13946-6

		al. 0								
3	9	MISSILE NO. 748	ion can et	A TISE	}	REPORT	r 110			
ł		MAJOR COMPONENTS	CE SULFU	いいちがる	1	DATE				
	1	MAJOR COMPONENTS	S/N OO	EXPENDED	TOTAL				INE	AIT
LINE	233	DESCRIPTION	DATA	WRIGHT	WEIGHT	CENTE	OF GRA	/ITY		12x10-3
[3]	ŝ	DEPOCAL TION		(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
ī	41	RV Spricar								
2			Silo							
3			_Aero_							
4	39	CTLI Section								
. 5.			Silo							
L <u>5</u>			_Aero_			00.01	100.00	100.00	0	0
	42	G&C Section			1.02	80,94	100.00	100.00		<u></u>
8			<u> 5110</u>							
9		3 1 2 1 2 2 2 2 2 2 2	Aero		17.62	98.83	106.38	111.29	0	.003_
10	44	3rd Stage Engine	647-	.43	41.04	94.95	110.30	117.70	0	0
11	┟╌┥		Silo Aero	.80		94.95	110.30	117.70	0	0
12.			Base	.20	L	131.00	100.00	100.00	Ö	0
	45	Interstage 2-3	2000		120.42	59.86	100.25	101.42	.010	.006
15	'-'	(Fwd)	Silo							
16			Aero							
12			Base	2.81		<i>5</i> 7.33	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	0
19		Jett1soned	Aero	3,40		61.59	100.27	100.47	0	0
20		Portion	Base	0				300 07	000	- 005
21		L L	- Jett	87.81		61.78	99.13	100.57	.008	.005
	45	Interstage 2-3			63.66	£0.59	99.30	101.42	.006	.003
23.	-	(Alt)	Silo	1.18		_82.97	100.50	100.84 105.23	0	8
24	-		_Aero_	1.18	32.81	£2.00 146.49	103.07	110.45	.001	.018
125	46	2nd Stage Engine	C43.	.63	32.01	99.62	112.30	121.20	0	0
26.	Н		Silo	.53		99.62	112.30	121.20	0	Ö
27 28	1		Acro Base	1.80		189.25	100.00	100.00	0	0
20	42	Interstage 1-2	Dag		243.05	67.30	99.45	101.68	.032	.022
30	''	(Fwd)	Silo							
31	1	10.7.56	Aero	1						
32			Ваве	3.10		64.06	112.35	115.53	0	0
[33]			- Silo	4,21		66.61	100.32	100.55	.001	0
134		Jett!soned_	_Aero_	7.56		66.67	100.10	100.17	.001	001
35.		Portion	_Base	5.40		67.09	100.27	100.76	-001	0
36	اا		- Jett	198.31	300 30	69.00	98.54	101.16	.028	.018
137	147	Interntage 1-2	043	2 37	129.18	96.90	100.81	99.82	.024	.014
39		(Aft)	Silo	3.41		96.69	100.34	100.59	.001	0
딾	48	let Stage Engine	Acro	 	61.41	97.71 227.06	109.93	116.80	.004	.115_
47	79	Tot ocal a mik THE	Silo	2.89	<u> </u>	190.41	111.84		0	.004
41	1		Aero	1.04		136.60		129.70	Ö	.001
43			Base	4.80	·	309.40		100.00	0	.001
44	49	Skirt			282.14	68.41	100.75	101.06	•064	.039
45			Silo	17.57		68.02	100.35	100.60	.004	.002
46			Acro	3.33		67.80	100.64	101.12	.001	0′_
47			Base	40.60		69.10		102.76	•009	.006
48	L	MISSILE			951.31					
49			S110_	32.20						
454444444444444444444444444444444444444	<u> </u>		Aero	21.25						
51	 		Base	58.71						
52			Jett	286.12	<u> </u>	Ļ <u> </u>			L	L
	# T	oeing Section St	entions	(See Misc	:1le Stat	ion Dina	(מונידו			

* Boeing Section Stations (See Missile Station Diagram)
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3.3	10	MISSILE NO. 749 WEIGHT AND BALA	NCE SUIT			•	T 110.			
<u> </u>	·	MAJOR COMPONENT	<u>s s/n o</u> c	,	r	DATE		******** ******	CHILDREN OF THE PARTY OF THE	
LINE	333	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL WEIGHT	CENTE	R OF GRA	YTI V.		RTIA T2x10 -3
H				(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	Pitch
L	[41	RV Spacer								
_2	L	<u> </u>	Silo	<u> </u>					<u> </u>	
13		<u> </u>	Acro	ļ			<u> </u>			
4	39	CTLI Section		ļ			 -	 		
. <u>5</u> .	 	}	Silo	ļ		·	 	 	 	
2	42	G&C Section	Aero	<u> </u>	1.02	80.94	100.00	100.00	0	0
8	3.5	l dag beer par	Silo	1			1.20.00			T 1
9		····	Aero				·	 -		1
10	44	3rd Stage Engine			17.56	93.72	106.40	111.33	0	.003
11			Silo	.43		94.95	110.30	117.70	0	0
12			Aero	.80		94.95	110.30	117.70	0	
13	ļ,		Ваяе	.20		131.00	100.00	100.00	0	1_0_1
14	45	Interstage 2-3			120.42	_59.88	100.13	101.58	.010	_006_
15	ļ-—	(Fwd)	Silo	 			 			
16 17			Aero	2.81		677 73	707 57	100 KE		
18			Base Silo	1.92		57.33 61.11	107.51	108.65	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	
20		Portion	Base	13·.+V		<u> </u>	100.21	100.7		- -
21	_		- Jett	87.81		61.79	98.96	100.79	.008	.005
22	45	Interstage 2-3		01.01	63.66	80.59	99.30	101.42	.006	.003
23		(Aft)	Silo	1.18	Y Y	£2.27	100.50	100.84	0	0
24			Aero	1.18		€2.00	103.07	105.23	ŏ	Ö
25	46	2nd Stage Engine			32.98	146.72	105.97	110.40	.001	.018
26			_Silo_	63_		99.62	112.30	121.20	0	0
27.			Acro	53		99.62	112.30	121.20	0	0
28	1.0		Base	1.80		189.25	100.00	100.00	0	
13	47	Interstage 1-2 (Fwd)	0.11		241.92	67.19	99.40	101.73	.032	.022
30. 31.		(1 Va)	Silo	 						
32			Aero Base	3.10		64.06	770 25	335 63		
33			- Silo	4.21		66.61	112.35 100.32	115.53 100.55	0	
並		Jettisoned	Aero	7.56		66.87	100.10	100.33	.001	0
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36.	لبا	L	- Jett	197.18		6 8.85	98.48	101.22	.028	.018
37	42	Interstage 1-2			128.51	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39	40	let Stage Engine	Acro	3.41		97.71	101.98	103.41	.001	0
꿊	70	Tot Stage Fugine	Silo	2.89	61.35	226.98		116.82	.004	.115
41 42			Aero	1.04			111.84	120.45	0	.004
43	_		Base	4.80		136.60 309.40	117.20	129.70	0	.001
44	49	Skirt		 ~ 	279.74	68.23	100.00	101.04	.064	.039
45			Silo	17.57	-12-1	68.02	100.35	100.60	.004	.002
46			Aero	3.33		67.80	100.64	101.12	.001	- 0
45 46 47 48 49 50 51			Base	40.60		69.10	101.70	102.76	.009	.006
48		MISSILE			947.16					
49			_Silo_	32.20]				
50			<u>Aero</u>	21.25						
51			_Base_	58.71						
52		oeing Section St		284.99	1		l	i		

* Boeing Section Stations (See Missile Station Diagram)
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3.	11	MISSILE NO. 750 WEIGHT AND BALA				REPOI DATE	T 110.			
10	Tö	MAJOR COMPONENT	S SZN O	EXPENDEL			R OF GRA			RTIA
LINE	88	DESCRIPTION	DATA	WEIGHT (LB)	WEIGHT (LB)			TVERT.	RULL	T2x10 -3 PITCH
1	41	RV Spacer	}	1 (111)	(1.0)	IONG.*	LAT.	VERT.	KOLL	FILON
2		in opine 31	Silo	 		 	 	 	 	
3		 	Aero	 	 		 -	 		
4	39	CTLI Section	11111				1	 		T
5	l_		Silo							
6			Aero							
1.7	42	Gac Section	ļ	 	1.02	16.63	100.00	100.00	0	ļ <u>Q</u>
8	ļ		S110_	ļ	ļ		ļ	<u> </u>	 	ļ
12	 	7-3 CA	Aero	 	377 (1)	100 Car	306 00	1333 00		002
10	133	3rd Stage Fagine	Silo	.43	17.64	98,67	106.37	111.28	<u> </u>	.003
15			Aero	.80	}	94.95 94.95	110.30	117.70	00	0 0
13		}- 	Base	.20		131.00	100.00	100.00	0	 0
14	45	Interstage 2-3	<u> </u>	1	120.09	59.80	100.13	101.58	.010	.006
15		(Fwd)	Silo							
16			Aero							
17	 		Base	2.81		_57.33	107.51	108.65	0	0
18		r	Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	_ Aero_	3,40		61.59	100.27	100.47	0	0
20 21		Portion	Base_	87.48		61.70	98.96	100.79	.008	
	45	Interstage 2-3	_ Jett_	01.40	63.44	63.59	99.30	101.42	.006	.005
23		(Aft)	Silo	1.18	<u>~_</u>	82.27	100.50	100.84	0	0
24			Aero	1.18		£2.00	103.07	105.23	o o	ŏ
25.	46	2nd Stage Engine			32.87	146.57	105.99	110.43	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27 28	L.		Acro	.53		99.62	112.30	121.20	0	0
28	-		Base	1.80		189.25	100.00	100.00	0	0
29	<u>47</u>	Interstage 1-2		ļl	242.39	67.20	99.45	101.78	.032	.022
30 31		(Fwd)	Silo	}						
32			Aero Base	2 70		(), 06	330.05	33.5.53		
33			- Silo	3.10 4.21		64.06 66.61	112.35	115.53	00	
34		Jetti soned	_Aero_	7.56		66.87	100.10	100.55	.001	.001
35.		Portion	Base	5.40		67.09	100.27	100.76	.001	0
136				197.65		68.87	98.53	101.29	.028	.018
37	42	Interstage 1-2			120.79	96,99	100.81	99.82	.024	.014
38 30		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39 40	48	let Stage Engine	Acro	3.41	61.57	97.71	101.98		.001	0
41		TO CALCINETIE	Silo	2.89	01.51	227.31	109.91	116.76	.004	.115
42			Aero	1.04		136.60	117.20	120.45 129.70	- 0	.004
43			Base	4.80		309.40	100.00	100.00	0	.001 0
44	49	Skirt			279.84			101.21	.064	.039
45	\Box		Silo	17.57		68.02	100.35	100.60	.004	.002
46			_Acro_	3.33		67.80	100.64	101.12	.001	0
42	لـــــ	MEGGTI D	Base	40.60	-1- /-	69.10	101.70	102.76	.009	.006
40		MISSILE			947.65					
꿃			Silo_	32.20						
씱			Aero	21.25 58.71						
45 46 47 48 49 50 51			_Base_ Jett	285.13						
	. D.	peing Section St								

Boeing Section Stations (See Missile Station Diagram)
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3.	12	MISSILE NO. 75				EPOR	T 110.			
Ì		WEIGHT AND DAIA				ATE		· • • • • • • • • • • • • • • • • • • •		
10	13	MAJOR CONTOHER	<u>5 87N 0</u>	EXPENDED	TOTAL		R OF GRA	TERRIT TRANSPORT		RTIA
LINE	See	DESCRIPTION	DATA	WHIGHT (LB)	WEIGHT (LB)	LONG		VERT.	ROLL F	T ² x10 -3 PlTCII
ı	41	RV Spacer					· · · · · · · · · · · · · · · · · · ·			
2			Silo				1	1		
3			Acro				 	<u> </u>		
4	39	CTLI Section								
5	<u> _</u>		Silo							
16	ļ		_Aero_	ļ		, 	<u> </u>	<u> </u>		
7.	42	G&C Section	<u> </u>	ļ	1.02	80.94	100.00	100.00	00	<u>O</u>
8	ļ.—		Silo_				ļ		ļ	
2	1.7.	3 101 15	Aero					 		
10	44	3rd Stage Engine		1.2	_17. 65	93.89	106,36	111.27	<u>o</u>	003
11	-		Silo	.43		94.95	110.30	117.70	0	0
12.			Aero Base	.80		94.95 131.00	110.30	117.70	0	0
13 14	45	Interstage 2-3	Dase	.20	120.24	59.92	100.00	101.59	.010	.006
15	1.2	(Fwd)	Silo	†	-FEN = Et		100.12	101.79		YYYY
16			Aero							
17			Base	2.81		57.33	107.51	108.65	0	0
18			Silo	1.92		61.11	101.01	101.74	0	ō
19		Jettisoned	Aero	3.10		61.59	100.27	100.47	0	0
20_		Portion	Base		····					
21		L.	- Jett	87.63		61.86	98.94	100.81	.008	.005
22	45	Interstage 2-3			63.54	85.59	99.30	101.42	.006	.003
23. 24		(Aft)	SIJo	1.18		_82.97	100.50	100.84	<u> </u>	<u> </u>
	1.6		Aero	1.18		£2.00	103.07	105.23	0	0
25 26	49.	2nd Stage Engine			32.93	146.65	105.97	110.41	.001	.018
27	-		Silo	63		99.62 99.62	112.30	121.20	<u> </u>	<u> </u>
27. 28	-		Acro Base	.53 1.80		189.25	112.30	121.20	0	
29	47	Interstage 1-2	Base	1.00	242.42	67.19	99.55	100.00	0	- 0
30		(Fwd)	Silo		446.46	91.12	92.77	101.79	.032	.022
30 31			Aero				i			
32			Base	3.10		64.06	112.35	115.53	0	0
32 33			Silo	4.21		66.61	100.32	100.55	.001	Ö
34		Jettisoned	_Aero_	7.56		66.67	100.10	100.17	.001	.001
35.		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36	1.5	<u> </u>	- Jett	197.68		63.86	98.66	101.06	.028	.018
37 38	9 Z	Interstage 1-2			123.81	96,90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	
껆	48	let Stage Engine	_Acro_	3.41	61.68	97,71	101.98		100	
ŭ		TAT A CAL S THIN THE	Silo	2.89	01.00	227.47	109.89	116.73	-004	.115
42			Aero	1.04		190.41 136.60	111.84	120.45	0	-004
43			Base	4.80		309.40	100.00	129.70	- 0	.001
44	49	Skirt			279.54	68.48	100.00 100.95	100.00	.064	0
45			Silo	17.57	-12-2	68.02	100.35	100.60	.004	.039 .002
45 46	\Box		Aero	3.33		67.80	100.64	101.12	.001	0
47			Base	40.60		69.10	101.70	102.76	.009	.006
48		MISSILE			947.83					
49			_\$110_	32.20]				
47 48 49 50 51 52			Aero	21.25			T			
514			Вале	58.71						
				285.31	1	لــــا	I			
- 1	₽ R	oeing Section St	ations (See Micc	11a State	ion Dion	mm]			

Boeing Section Stations (See Missile Station Diagram)
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3.	13	MISSILE NO. 752 WEIGHT AND BAIA				REPOR	r 110.			
10	.:	MAJOR CONTOURNE	3 <u> </u>	EXPENDED	TOTAL	 	O OF ODA	ne produce statu	INE	RTIA
LINE	330	DESCRIPTION	DATA	WEIGHT (LB)	WEIGHT		R OF GRA		SLUG F	T2x10-3 P1TCH
1	41	RV Spacer	 	(110)	(LB)	LONG.*	LAT.	VERT.	KOLL	FILCH
2	7.4	RV Spacer	Silo	 		 	ļ	ļ		†
3			Aero	 	 	 	·			
4	39	CTLI Section								
Į. <u>Ş</u> .	_		5110	<u> </u>						
6	1.5	0000	_Aero_		1 00	80.94	100 00	100.00	0	0
. Z 8	42	G&C Section	Silo	 	1.02	(3).94	100.00	100.00	- -	f \(\frac{1}{2} \)
9			Aero	 						†
	44	3rd Stage Engine		 	17.48	98.56	106.43	111.38	0	.003
11			Silo	.43		94.95	110.30	117.70	0	0
12			Aero	.80		94.95	110.30	117.70	0	Q
13.	, =		Base	.20	300 35	131.00	100.00	100.00	0	0
14 15	45	Interstage 2-3 (Fwd)	Silo	 	120.15	_59.73	100.09	101.46	.010	.006
16		72 #447	Aero							
16 12			Base	2.81		57.33	107.51	108.65	0	0
18			Silo	1.92		61.11	101.01	101.74	0	0
19	<u>. </u>	Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20	_	Portion	Base	007 5)			00 01	300 (1)	000	
21 22.	45	Interstage 2-3	- Jett	87.54	6 3.43	61.60 63.59	98 .91 99.30	100.64	.008	.005 .003
23	עב	(ACt)	Silo	1.18	<u>03•</u> €0	80.27	100.50	100.84	.000	003
24			Aero	1.18		62.00	103.07	105.23	Ö	ŏ
25.	46	2nd Stage Engine			32.89	146.65	105.98	110.42	.001	.018
26	-		Silo	.63		99.62	112.30	121.20	0	0
27 28			Acro	.53		99.62	112.30	121.20	0	0
	42	Interstage 1-2	Base	1.80	241.89	189.25 67.24	100.00	100.00	0	0
30	7.7.	(Fwd)	Silo		241.09	01.24	99.58	101.55	.032	.022
31			Aero							
32			Base	3.10		64.06	112.35	115.53	0	. 0
33			- Silo	4.21		66.61	100.32	100.55	.001	0
34		Jettisoned	_Aero_	7.56		66.87	100.10	100.17	001	_001
35. 36.		Portion	Base _ Jett	5.40 197.15		67.09 68.94	100.27 98.67	100.76	.001	.018
37	47	Interstage 1-2	0000	471047	128.49	96.93	100.81	99.82	.028 .024	.016
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39			Acro	3.41		97.71	101.98	103.41	.001	Ō
4Q.	40	let Stage Engine		000	61,42	227.08	109.94	116.80	.004	.115
41 42			Silo Aero	2.89 1.04		190.41	111.84	120.45	0	-004
43	-		Base	4.80		136.60 309.40	117.20	129.70	0	.001
44	49	Skirt		7.00	280.59	68.53	100.00	101.11	.064	.039
45 46			Silo	17.57		68.62		100.60	.004	.002
46			_Acro_	3.33		<u>67.80</u>	100.64	101.12	.001	0
47 48 49 50		WICCIID	Base	40.60	Oler Tra	69.10	101.70	102.76	•009	.006
20		MISSILE	641-	32 20	947.41					
50			Silo_ Aero	32.20 21.25						
51			Base	58.71						
52				284.69						

* Boeing Section Stations (See Missile Station Diagram)
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3.		MISSILE NO. 753		A 7:35		REFOIC	r No.			
		WEIGHT AND BALAN MAJOR COMPONENTS		лнх 1000258		DATE				
E.	ន្ត			EXPENDED			R OF GRA	VITY	INE SLUG F	RTIA T2x10-3
LINE	8	description	DATA	(IB)	WEIGHT (LB)	LONG *	LAT.	VERT.	ROLL	PITCH
ı	41	RV Spacer		·						
2			Silo							
_3			Aero							
4	39	CTLI Section								
5 6	_		Silo							ļ
5			_Aero_		1.02	80.94	100.00	100.00	0	0
	42	G&C Section	Silo		1.02	03.94	100.00	1.00.00		
_8 9			Aero							
10	41.	3rd Stage Engine			17.69	96.97	106.35	111.24	0	.003
11		J.C. STURAL BASES	Silo	.43		94.95	110.30	117.70	0	0
12.	-		Aero	.80		94.95	110.30	117.70	0	0
13			Base	.20		131.00	100.00	100.00	0	0,
13 14	45	Interstage 2-3			120.21	59.67	100.08	101.49	.010	<u>.006</u>
115		(Fwd)	Silo	 						
16 17			Aero	2.81		57 22	107.51	108.65	0	0
17			Base - Silo	1.92		<u>57.33</u> 61.11	101.01	101.74	0	0
18 19	\vdash	Jettisoned	Aero	3.40		61.59	100.27	100.47	Ö	0
20	Н	Portion	Base			V1.77	20012	2001.1	·	
21	\Box		- Jett	87.60		61.51	98.90	100.68	.008	.005
22	45	Interstage 2-3			63.52	ట. 59	99.30	101.42	.006	.003
23 24		(Aft)	Silo	1.18		80.97	100.50	100.84	0	0
			Aero	1.18		62.00	103.07	105.23	0	0
25.	46	and Stage Engine			33.06	146.83	105.95	110.37	.001	.018
26	H		Silo	.63		99.62	112.30	121.20	Ŏ	0
27 28	H		Acro	.53		99.62	112.30	121.20	0	0
29	42	Interstage 1-2	Base	1.80	243.40	189.25 67.23	100.00 99.54	100.00 101.45	.032	.022
30	7.	(Fwd)	Silo		243.40	01.23	77.74	204.17	.036	.022
31			Aero	·i						
32			Base	3.10		64.06	112.35	115.53	0	0
<u>32</u> 33			- Silo	4.21		66.61	100.32	100.55	.001	0
134		Jett!soned	_Aero_	7.56		66.87	100.10	100.17	.001	-001
35.	 	Portion	_Base_	5.40		67.09	100.27	100.76	.001	0
36. 37	42	Internations 3 3	- Jett	198.66	100 20	63.90	98.66	100.88	.028	.018
38	۲4	Interstage 1-2	Silo	3.37	120.38	96.90 96.69	100.81	99.82 100.59	.024	.014 0
39	H	/21.0/	Aero	3.41		97.71		103.41	.001	0
40	48	lot Stage Engine			61.49	227.19		116.78	.004	.115
41			Silo	2.89		190.41		120.45	0	.004
41 42 43	Ш		Aero 1	1.04		136.60	117.20	129.70	0	.001
43	Ш		Base	4.80		309.40	100.00	100.00	0	0
144	49	Skirt			278.59	68.54	100.66	101.13	.064	.039
45 45 48			Silo	17.57		68.02		100.60	.004	•005
40	\vdash		Acro	3.33 40.60		67.8 <u>0</u> 69.10	100.64	102.76	.001 .009	.006
14	۳.	MISSILE	Base	70.00	948.36	77.10	101.10	102.10	•009	.000
40		7.6×Y.64%	Silo	32.20	7,00,00					
49 50 51 52			Aero	21.25						
51			Base	58.71						
52			Jett	286.26						
		oeing Section St								

Boeing Section Stations (See Missile Station Diagram)
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3	.15	MISSILE NO. 754 WEIGHT AND BAIA MAJOR CONTONERT	NCE SUIT			REPOI	at 110.			
LINE	333	DESCRIPTION	DATA	EXPENDEL WEIGHT	WEIGHT	 	R OF GR		SLUG F	RTIA T2x10-3
	٠			(IB)	(TB)	LONG.*	LAT.	VERT.	ROLL	PITCH
닏	41	RV Spacer		<u> </u>	ļ	<u> </u>	ļ	ļ	 	ļ
1-3			Silo	ļ		<u> </u>	<u> </u>	ļ	 -	
17	70	COULT C	Acro	 	 	ļ	ļ	 	 	
	צנ	CTLI Section	643	 		·		 		
5.6	-		Silo	 	 	 	 	 	 	 -
7	42	G&C Section	Aero	 	1.02	85.94	100.00	100.00	0	0
8	.16	odo per tron	Silo	 	1	1-00.51	1 100.00	1.00.00	<u>-</u>	† '` -
9			Aero	·		 	 	 	 	†
10	44	3rd Stage Fagine		 	17.65	93.89	106.37	111.27	0	.003
11			Silo	.43	_=1:-2_	94.95			0	Ö
12	-		Аего	.80		94.95		117.70	0	Q
13			Base	.20		131.00	100.00	100.00	0	0
13	45	Interstage 2-3			119.73	59.92	100.04	101.41	.010	.006
135		(Fwd)	Silo				ļ <u> </u>	<u> </u>		
16			Aero						ļ	
17	-	+	Base	2.81		57.33	107.51	108.65	0	0
18			- S110	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20		Portion	Base	07.30		75-00	- 00 DI.	300 577		
21	1.0	To A a mark at 2 72	- Jett	87.12	<u> </u>	61.87	98.84	100.57	.008	.005
23	72	Interstage 2-3 (Aft)	Silo	2 20	63.2ა	£0.59	99.30	101.42	.006	.003
24				1.18 1.18		82.57	100.50	100.84	8	0
	46	2nd Stage Engine	Aero	1.10	32.85	£2.00 146.54	103.07	105.23		
26	עני	THIN S FURE THIRTHE	Silo	.63	32.05	99.62	112.30	121.20	.001 0	.018
22			Acro	.53		99.62	112.30	121.20	0	0
27 28			Base	1.80		189.25	100.00	100.00	0	0
	47	Interstage 1-2		2.00	242.93	67.44	99.57	101.60	•032	.022
30		(Fwd)	Silo				12:01	202,00	-00E	-1066
30 31			_Aero	,						
32 33 34			Base	. 10		64.06	112.35	115.53	0	0
33	_]		- Silo	4.21		66.61	100.32	100.55	.001	0
34.	_	Jettisoned	_Aero_	7.56		66.87	100.10	100.17	001	.001
35		Portion	_Base_	5.40		67.09	100.27	100.76	.001	0
36			- Jett	193.19		69.17	98.70	101.07	.028	.018
37 38	47	Interntage 1-2		- <u></u>	129.10	96,90	100.81	99.82	.024	.014
39	}	(Aft)	Silo	3.37			100.34	100.59	.001	0
13	48	let Stage Engine	Acro	3.41	62 62	97.71	101.98	103.41	-001	
41	74	TOT DUAKE PHRIDE	Silo	2.89	61.66	227.44	109.90	116.73	.004	.115
42			Aero	1.04		190.41	111.84	120.45	0	.004
43	-		Base	4.80		136.60 309.40	117.20	129.70	<u> </u>	.001
	49	Skirt	250	7.00	280.39	68.44	100.00	100.00	.064	- 030
45			Silo	17.57		68.02	100.35	100.60	.004	.039
46			Aero	3, 33		67.80	100.64	101.12	.001	00S
46 42	\Box		Base	40.60		69.10	101.70	102.76	:009	•006
48 I		MISSILE			948.53					
49 50			Silo	32.20						
50			Aero	21.25						
51			Base	58.71						
52		peing Section St		285.31						

* Boeing Section Stations (See Missile Station Diagram)
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3.1		MISSILE NO. 755 WEIGHT AND BALAN		NRY		REPOIN	110.			
		MAJOR COMPONENTS	S/N 0 0	00254	}	DATE		Andrea de sente	W. 84 W M M M M M M M M M M M M M M M M M M	
LINE	ន	DESCRIPTION		EXPENDED WEIGHT	TOTAL WEIGHT	CENTER	R OF GRAI	YITY	INEI SLUG F	
3	i)	DESCRIPTION	DALA	(LB)	(LB)	IONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								
2			Silo							
3			Aero							
	39	CTLI Section								
5.			Silo							
	42	G&C Section	_Acro_	· · · · · · · · · · · · · · · · · · ·	1.02	80.94	100.00	100.00	0	0
8	3.6	Odo Diegy John	Silo							
9			Aero							
	44	3rd Stage Fagine			17.73	99.05	106.34	111.22	0	.003
11			Silo	.43		94.95	110.30	117.70	0	0
12.	$ \bot $		Aero	.80		94.95	110.30	117.70	00	<u>Q</u>
13	 	Ya tanga ang 3 Y	Base	.20	119.73	131.00 59.82	100.00	100.00 101.53	.010	.006
14	72	Interstage 2-3 (Fwd)	Silo							
16		* \#\\	Aero		-					
17			Base	2.81		57.33	107.51	108.65	0	0
18		Г	- Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20		Portion	Base	000		61 m	98.87	100.73	.008	.005
21	1	1	- Jett	87.12	63.20	61.73 80.59	99.30	101.42	.006	.003
22. 23.	45	Interstage 2-3 (Aft)	Silo	1.18	<u>05.20</u>	80.97	100.50	100.84	.000	0
24		181.62	Aero	1.18		82.00	103.07	105.23	Ŏ	Ō
	46	2nd Stage Engine			32.92	146.64	105.98	110.41	.001	.018
26			Silo	63		99.62	112.30	121.20	0	0
22.			Acro	.53		99.62	112.30	121.20	0	0
28			Base	1.80		189.25	100.00	100.00	0	0
	47	Interstage 1-2 (Fwd)	Cdla	 	_ 2 43 .1 5	67,23	99.38	101.50	.032	.022
30 31	 	\rway	Silo Aero	 						
32			Dase	3.10		64.06	112.35	115.53	0	0
33		Г	- Silo	4.21		66.61	100.32	100.55	.001	0
34	L	Jett!soned	_Aero_	7.56		66.87	100.10	100.17	.001	001
35	 	Portion	_Base	5.40	ļ 	67.09	100.27	100.76	.001	.018
36. 37	42	Interstage 1-2	- Jett	193.41	129.23	68.91 95.90	98.46 100.81	100.95 92.82	.028 .024	.014
38	174	(Aft)	Silo	3.37	763.63	96.69	100.34		.001	0
39		/27	Acro	3.41		97,71	101.98		.001	Ŏ
40	48	1st Stage Engine			61.66	227.44	109.90	116.73	.004	.115
41	<u>L</u> _		Silo	2.89		190.41			0	.004
42			Aero	1.04	 	136.60			0	.001
43		Clidad	Base	4.80	000 00	309.40			.064	0
45		Skirt	Silo	17.57	280.29	68.39 68.02			.004	.039
46			_Aero_	3.33		67.80			.001	0
42			Base	40.60		69.10			009	.006
48	L	MISSILE			948.93					
49 50			Silo	32.20			<u> </u>	<u> </u>	ļ	
50	 _		Aero	21.25		 		ļ	ļ	
51	L_		_Base_	58.71		 	ļ	ļ	ļ	
52	<u> </u>		Jett	285.53	110 Stat	<u> </u>	l		l	

* Boeing Section Stations (See Missile Station Dingram)
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3	.17	, Missile no. 7	56			PEPOI	PT 180.					
		WEIGHT AND BALL			REPORT NO.							
<u> </u>		MAJOR COMPONENT	TUS/N			DATE						
H	23	DESCRIPTION	DATA	WEIGHT	XPENDED TOTAL CENTER OF GRAVIT				CENTER OF GRAVITY			althi -olx ² tt
H	4	-		(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	Pirc		
		RV Spacer		- 	 	 	 	ļ	 	 		
		 	S11o Aero		- -	 	 		 -	 		
	<u> </u>	CTLI Section	VEYO	+	/	 	 	 	 	+		
5	<u> </u>		Silo		1	†	 	 		·		
16	<u>iL</u>		Aero									
1-2	46	G&C Section	 		1.02	80.94	100.00	100.00	0	0		
8		ļ	Silo		<u> </u>	ļ	ļ	<u> </u>		ļ		
10		2nd Charles Family	Aero	<u> </u>	1 500 60	A9 86		ļ <u> </u>		 		
11		3rd Stage Fagin	Silo	 	17.58		106.39	111.31		.00:		
12		 	Aero	- 43	 	94.95	110.30	117.70	<u> </u>	<u> </u>		
13		†	Base	.80	 	94.95 131.00	110.30	117.70	0	 8-		
		Interstage 2-3			119.67	59.68	100.10	101.65	.010	.000		
125	1_	(Fwd)	Silo			22.00	200120	20210		1		
16	1_		Aero							1		
17		<u> </u>	Base	2.81		57.33	107.51	108.65	0	0		
18		 	+ Silo	1.92	ļ <u>.</u>	61.11	101.01	101.74	0	0		
19		Jettisoned Portion	Aero	3.40	ļ	61.59	100.27	100.47	0	0		
21	†	POPULON	Base Jett	87.06	 	73	-00-00					
22	45	Interstage 2-3	2366	101.60	63.16	61.55 80.59	98.91 99.30	100.77	.008	.005		
23		(Aft)	Silo	1.18	03.10	80.97	100.50	100.84	.006	.003		
24			Aero	1.18		62.00	103.07	105.23	- 8	- 8		
25.	46	2nd Stage Engine			32.96	146.70	105.97	110.40	.001	.018		
26	├		Silo	.63		99.62	112.30	121,20	0	0		
27 28	-		Acro	.53		99.62	112.30	121.20	Ö	Ö		
20 29	1.0	7.	Base	1.80		189.25	100.00	100.00	0	0		
30	<u>"</u> Z	Interstage 1-2 (Fwd)	 	ļ	242.65	67.22	99.46	101.58	.032	.022		
3			Silo Aero	 								
32	_		Base	3.10		64.06	330 05					
33			Silo	4.21		66.61	112.35	115.53	- 0	<u> </u>		
34	_	Jettisoned	Aero	7.56		66.87	100.10	100.55	.001	0		
35 36		Portion	Base	5.40		67.09	100.27	100.76	.001	0		
36	45	7.4	- Jett	197.91		68.89	98.54	101.04	.028	.018		
37 38	אַר	Interntage 1-2		 	128.93	96.90	100.81	99.82	.024	.014		
ટ્રજ્ર	-	(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0		
40	48	let Stage Engine	_Aero_	3,41	61 10	97.71	101.98	103.41	.001	0		
41			Silo	2.89	61.13	226.65 190.41	109.98	116.88	.004	.115		
42			Aero	1.04		136.60	111.84	120.45 129.70	- 	.004		
43			Base	4.80		309.40	100.00	100.00	0	.001		
44	49	Skirt			281.04	68.53	100.84	101.13	.064	.039		
45	\dashv		Silo	17.57		68.02	100.35	100.60	.004	.005		
끊			_Aero_	3.33		_67.80	100.64	101.12	001			
겂		MICCITE	Base	40.60	-1 C	69.10	101.70	102.76	.009	.006		
40		MISSILE	843-	22 22	948.14							
45 46 47 48 49 50 51			Silo_ Aero	32.20 21.25								
51			Base	58.71								
52			Jett	284.97								
	Bo	eing Section St		See Mas:	De Stati	on Magr	<u>-</u>					

* Boeing Section Stations (See Missile Station Diagram)
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3.	1	MISSILE NO. 757 WEIGHT AHD BAIAN	ICE SULTV	VRY		REPORT NO.					
Ì	1	MAJOR COMPONENTS	S/N 000	00275	1	DATE					
10				EXPENDED	TOTAL	CENTRE	OF GRA	/ITY	INERTIA SLUG FT2x10-3		
LINE	SS	DESCRIPTION	DATA	WEIGHT	MEIGHT				ROLL	HOT! G	
끧				(LB)	(LB)	LONG.*	LAT.	VERT.	KOLD	771011	
إدا	41	RV Spacer									
_2			Silo								
ل			Aero								
4	39	CTLI Section									
5			Silo		ļ						
151	_		_Aero_			80.94	100.00	100.00	0	0	
	42	G&C Section			1.02	00.94	100.00	100.00			
8			<u> 5110</u>								
9	,,,		Aero			- 13 mg	106.40	111.32	0	.003_	
10	44	3rd Stage Fagine			17.57	98.73					
11			Silo	.43		94.95	110.30	117.70	00	0 0	
12			Aero	.80		94.95	110.30	117.70	0	0_	
13	ليـرا		Base	.20	110 67	131.00	100.00	101.67	.010	.006	
14	45	Interstage 2-3			119.87	59.83	100.00	101.01	-1040	YYY	
15		(Fwd)	Silo								
16			Aero	2.81		57.33	107.51	108.65	0	0	
17			Base			$\frac{2[.3]}{61.11}$	101.01	101.74	0	Ö	
18	\vdash		- Silo	1.92		61.59	100.27	100.47	- 6	Ö	
19	├─┤	Jett1soned	<u> Aero</u>	3.40		<u> </u>	100.51	200.71	-	<u>*</u>	
20	┝╌┤	Portion]	Base	07 06		61,75	98.86	100.92	.008	.005	
57	ابيا	T.A	- Jett	87.26	63.36	61.75	99.30	101.42	.006	.003	
	22	Interstage 2-3	643-	1 10	05.50	82.97	100.50	100.84	.000	0	
2 <u>3</u> 24	-	(ASt)	_\$11o_	1.18		£2.00	103.07	105.23	ŏ	8	
	1.6	and Share France	Aero	1-1:10	32.79	146.46	106.00	110.45	.001	.018	
25. 26.	עב.	2nd Stage Engine	Silo	.63	25.12	99.62	112.30	151.50	0	0	
27			Acro_	53	 	99.62	112.30	121.20	ŏ	ŏ	
28	\vdash		Base	1.80		189.25	100.00	100.00	Ō	0	
	47	Interstage 1-2	<u> </u>		243.24	67.25	99.47	101.54	.032	.022	
30	14	(Fwd)	Silo	 							
31			Aero								
32			Base	3.10		64.06	112.35	115.53	0	0_	
33	1		- Silo	4.21		66.61	100.32	100.55	.001	0	
茲		Jettisoned	Aero	7.56		66.87	100.10	100.17	.001	.001	
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0	
36		L L	- Jett	198.50		68.93	98.50	101.00	.028	.018	
32	47	Interstage 1-2			129.29	96.90	100.81	99.82	.024	.014	
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0	
39			Acro	3.41		97,71	101.98		.001	0	
	148	1st Stage Engine			61.57	227.30	109.90	116.75	.004	.115	
41	_		Silo	2.89	[190.41			0	.004	
42	1_		Aero	1.04		136.60		129.70	0	.001	
43	<u> </u>		Base	4.80		309.40		100.00	0	0	
	49	Skirt	 	<u> </u>	280.94	68.56	100.76		-064	.039	
45	 		Silo	17.57	ļ	68.02		100.60	.004	.002	
46	 		Aero	3.33		67.80			.001	0	
47	 	<u> </u>	Base_	40.60		69.10	101.70	102.76	.009	.006	
148	-	MISSILE			949.65	 	ļ	ļ	 		
49 50	 		_Silo_	32.20	ļ	 	 			ļ	
50	 		Aero	21.25		 	 		<u> </u>	ļ	
51 52	!	·····	Base	58.71	ļ	ļ	ļ	ļ		ļ <u> </u>	
52				285.76	110 Stot	<u> </u>		L			

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**Boeing Section Stations (See Missile Station Diagram)
**Poeing Section Station Station Diagram (See Missile Station Diagram)
**Poeing Section Station Station Diagram (See Missile Station Diagram)
**Poeing Section Station Station Diagram (See Missile Station Diagram

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3.	3.19 Missile no. 758 Weight and Daiance Suit-laky						REPORT NO.					
1		MAJOR COMPONERS				DATE						
LINE	sg.	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL WEIGHT	CENTE	R OF GRA	VITY	SLUG F	INERTIA SLUG FT2x10-3		
1	ļ	<u> </u>	ļ	(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH		
1	41	RV Spacer		 			<u> </u>	ļ		ļ		
12	ļ		Silo	ļ	ļ		 -	 	ļ	 		
13	20	CTI I Cantilan	Aero	 	<u> </u>		ļ	 	 -	 		
		CTLI Section	Silo	 		 -	 	 -	 			
5			Aero	 	ļ		 	 	 	 		
2		G&C Section	- ACLV		1.02	80.94	100.00	1.00.00	0	0		
8			Silo							I		
9			Aero							<u> </u>		
	44	3rd Stage Fagine			17.63	98.85	106.37	111.28	0	.003		
11			Silo	.43		94.95	110.30	117.70	0	0		
12.	-		Aero	.80		94.95	110.30	117.70	0	<u> </u>		
13 14	1,2	Interstage 2-3	Base	.50	110 01	131.00	100.00	100.00	0	006		
15	12	(Fwd)	Silo	 -	119.91	59.71	100.09	101.61	.210	.006		
16		<u>``````</u>	Aero	 				<u> </u>				
12			Base	2.81		57.33	107.51	108.65	0	C		
18			- Silo	1.92		61.11	101.01	101.74	0	0		
19		Jett1soned	Aero	3.4Q		61.59	100.27	100.47	0	0		
20		Portion	Base									
21	ليبا		- Jett	87.30		61.58	98.91	100.84	.008	.005		
	45	Interstage 2-3			63.32	_ట.59_	99.30	101.42	.006	.003		
23. 24	\vdash	(Aft)	\$110_	1.18 1.18		80.97 82.00	103.07	100.84 105.23	0	8		
	46	2nd Stage Engine	_Aero_	1.10	32.85	146.54	105.99	110.44		.018		
26	עב.	THING FURA THIRTHA	Silo	.63	32.07	99.62	112.30	121.20	.001	.010		
27			Acro	.53		99.62	112.30	121.20	0	Ö		
27 28			Base	1.80		189.25	100.00	100.00	0	ō		
29	42	Interstage 1-2			242.58	67.35	99.50	101.67	.032	.022		
30		(Fvd)	Silo									
31			_Aero_									
32			Base	3.10		64.06	112.35	115.53	00	0		
33 34		- Tatti sanad	- Silo	4.21 7.56		66.61 66.87	100.32	100.55	-001	0		
29. 35.	\vdash	Jettisoned Portion	_Aero_ _Base	5.40		67.09	100.10 100.27	100.17	.001	001		
36			base _ Jett	197.84		69.09	98.60	101.15	.001	.018		
37	47	Interntage 1-2	7.5		128.90	96.90	100.81	99.82	.024	.014		
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0		
39	اجرا		Aero	3.41		97.71	101.98	103.41	.001	0		
40	48	let Stage Engine			61.29	226.89	109.96	116.83	.004	.115		
43	-		Silo	2.89		190.41	111.84	120.45	0	.004		
42 43	-		Aero	1.04 4.80		136.60	117.20	129.70	0	.001		
	40	Skirt	Base	4.60	280.24	309.40	100.00	100.00	0	0		
45	77	<u>~~3.1.4 b</u>	Silo	17.57	200.24	68.60 68.02	100.79 100.35	101.08	•064 •004	.039		
46			Acro	3.33		67.80	100.64	101.12	004	.002		
45 46 47 48 49 50 51			Base	40.60		69.10	101.70	102.76	-009	.006		
48		MISSILE			947.74							
49			Silo	32.20								
50			_Aero_	21.25]						
51			Base	58.71								
		oeing Section St	Jett	285.14				l				

* Boeing Section Stations (See Missile Station Diagram)
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3.	20	MISSILE NO. 759 WEIGHT AND DAIAN		IA LIV	REPORT NO.							
1		MAJOR COMPONERS				DATE						
LINE	SE.	DESCRIPTION	DATA	EXPENDED TOTAL WEIGHT		CENTE	R OF GRA	INERTIA SLUG FT2x10-3				
1	L.,			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	Pitch		
1	41	RV Spacer		<u> </u>								
_2	ļ		Silo]	 		
3	-	Omi 7 Caraban	Aero	 	<u> </u>		 		} _	 		
4	צכן	CTLI Section	Silo	 			}	 	 	 		
5			_ Aero]		}	 	 	 		
	42	G&C Section	ACLU		1.02	80.94	100.00	100.00	0	0		
8			Silo							ļ		
9			Aero						<u> </u>			
	44	3rd Stage Fogine		 	17.68	98.95		111.25	0	.003		
11			Silo	.43	·	94.95	110.30	117.70		<u> </u>		
12			Aero Base	.80		94.95	110.30 100.00	117.70	0	<u>Q</u>		
14	45	Interstage 2-3	กสถุด	٠٤٧	120.10	131.00 59.88	100.00	101.52	.010	.006		
15		(Fwd)	Silo				100113					
16			Aero									
17			Base	2.81		<i>5</i> 7.33	107.51	108.65	0	0		
18	_	rl	- <u>Silo</u>	1.92		61.11	101.01	101.74	0	0		
10		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0		
20 21	-	Portion	Base - Jett	87.49		61.82	98.98	100.71	.008	.005		
	451	Interstage 2-3	<u> </u>	01.49	63.43	82,59	99,30	101.42	.006	.003		
23	-4	(Aft)	Silo	1.18		80.97	100.50	100.84	0	0		
24			Aero	1.18		82.00	103.07	105.23	Ŏ	Ŏ		
	46	2nd Stage Engine			32.85	146.54	105.98	110.44	.001	.018		
26			_Silo_	63_		99.62	112.30	121.20	0	0		
27 28			_Acro_	·53 1.80		99.62	112.30	121.20	0	<u> </u>		
	47	Interstage 1-2	Base	1.00	242.55	189.25 67.40	100.00 99.34	100.00	.032	0		
30	-'-	(Fwd)	Silo		£45.33	01.40	77.34	101.03		.022		
31			Aero							·		
32			Base	3.10		64.06	112.35	115.53	0	0		
33			- Silo	4.21		66.61	100.32	100.55	.001	0		
34		Jettisoned	_Aero_	7.56		66.87	100.10	100.17	001	001_		
35 36		Portion	_Base - Jett	5.40 197.81		67.09 69.12	100.27 98.41	100.76	.001 .028	.018		
37	47	Interstage 1-2	V	4711VI	128.88	96.90	100.81	101.10 99.82	.026	.016		
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0		
39	_		Acro	3.41		97,71	101.98	103.41	.001	Ö		
	48	let Stage Engine			61.74	227.55	109.88	116.70	.004	.115		
42	}		Silo	2.89		199.41	111.84	120.45	0	.004		
42 43			Aero Base	1.04		136.60	117.20	129.70	<u> </u>	.001		
44	49	Skirt	_ ₽ase	7.00	278.94	309.40 68.55	100.00	100.00	.064	.039		
45			Silo	17.57	- IV. JT	68.02	100.76	100.60	.004	.002		
45 46	二		Aero	3.33		_67.80	100.64	101.12	.001	0		
42			Base	40.60		69.10	101.70	102.76	.009	.006		
43 48 49 50		MISSILE			947.19							
꿃			_Silo_	32,20						·		
감			Aero	21.25 58.71								
51 52			_Base Jett	285.30								
		peing Section St	******	Coo. 37	12 61 1							

* Boeing Section Stations (See Missile Station Diagram)
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3.	21	MISSILE NO. 760									
"'ا		WEIGHT AND DAIAL	ICE SUIM	AICY .		REPORT NO.					
1		MAJOR COMPONETITE	s/n oc	00260		DATE		P.M. S.			
(3)				EXPENDED		CENTE	R OF GRA	INERTIA SLUG FT2x10-3			
LINE	SS	DESCRIPTION	DATA	WEIGHT (LB)	WEIGHT (LB)	LONG.*	LAT.	VERT.	ROLL	HOYIG	
1	1	RV Spacer		\ <u>`</u>		277744					
2	74	w Spacal	Silo				<u> </u>				
3			Aero	<u> </u>							
4	39	CTLI Section									
			Silo								
. <u>5</u>			Aero			N	100 55	100 00	0	0	
_2.	42	G&C Section			1.02	80.94	100.00	100.00			
8			<u> 5110 </u>				ļ				
13		7-104	Aero	 	17.69	98.97	106.35	111.24	0	.003	
10	144	3rd Stage Fogine	Silo	.43	11.02	94.95	110.30	117.70	0	0	
11		·	Aero	.80		94.95	110.30	117.70	Ō	Q_	
12 13			Base	.20		131.00	100.00	100.00	0	0	
14	45	Interstage 2-3		,v	119.73	59.86	100.20	101.63	.010	.006	
15		(Fwd)	Silo								
16			Aero				100 5	300 6	 _		
12			Base	2.81		<u> 57.33</u>	107.51	108.65	0	0	
18	\vdash		- Silo	1.92		61.11	100.27	100.47	- 6		
19	\vdash	Jettisoned Pontion	Aero	3.40		01.79	100.61	100.71	<u>~_</u>		
20 21	\vdash	Portion	<u>Base</u> - Jett	87.12		61.79	99.05	100.87	.008	.005	
22	45	Interstage 2-3	<u> </u>	01.15	63.20	80.59	99.30	101.42	.006	.003	
23		(Aft)	Silo	1.18		80.97	100.50	100.84	0	0	
23 24			Aero	1.18		€2.00	103.07	105.23	0	0	
25	46	2nd Stage Engine			32.99	146.74	105.96	110.39	.001	.018	
26.	H		_Silo_	63_		99.62	112.30	121.20	0	<u> </u>	
27 28			Acro	.53		99.62	112.30	121.20	- 0		
1 <u>28</u>	1,5	To be not to a 2. 2.	Base	1.80	242.23	189.25 67.34	99.45	100.00	.032	.022	
29 30	74	Interstage 1-2 (Fwd)	Silo		£46.63	01.54	77.47	404.71			
並		71 May	Aero								
32		·····	Base	3.10		64.06	112.35	115.53	0	0	
33		r	- Silo	4.21		66.61	100.32	100.55	.001	0	
34		Jett!soned_	_Aero_	7.56		66.87	100.10	100.17	.001	_001	
35.	-	Portion	_Base_	5.40 197.49		67.09	100.27	100.76	.001	0	
36	1.5	Tub	- Jett	491.49	128.70	69.06 96.90	98.53 100.81	101.03 99.82	.028 .024	.018 .014	
32 38	42	Interstage 1-2	Silo	3.37	120.10	96.69	100.34		.001	0	
39		/עז נ/	Acro	3.41		97.71	101.98	103.41	.001	0	
40	48	lat Stage Engine			61.58	227.32	109.91	116.75	.004	.115	
41			Silo	2.89		190.41	111.84	120.45	0	.004	
41 42			Aero	1.04		136.60	117.20	129.70	0	.001	
43			Base	4.80		309.40	100.00	100.00	0	0	
44	49	Skirt		<u> </u>	280.09	68.60	100.71	101.16	.064	.039	
45 46			Silo	17.57		68.02	100.35	100.60	.004	-005	
40	Н	· · · · · · · · · · · · · · · · · · ·	_Acro_	3.33 40.60		67.8 <u>0</u> 69.10	100.64	101.12 102.76	.001 .009	.006	
3899 999	┰	MISSILE	Base	10.00	947.23	<u> </u>					
40	_		Silo	32.20							
50			Aero	21.25							
51			Base	58.71							
52			Jett	284.61		L					
	# B	oeing Section St	ations	See Miss	11e Stat	ion Ding	mom)				

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* Boeing Section Stations (See Missile Station Diagram)
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3.2		Missile no. 761 Weight and Baian	icie saucai	11/V		REFORT NO.						
		MAJOR COMPONENTS	S/N 000	00266		DATE	and the state of t					
LINE	333	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL WEIGHT	CENTE	R OF GRA	INERTIA SLUG FT2x10-3				
3	ii)	DESORAL TION	27.27	(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	"Piron"		
1	41	RV Spacer										
2			S11o_			, 						
[3]			Acro									
4	39	CTLI Section	643.									
5			Silo_ Aero_									
불	45	G&C Section	VETO		1.02	80.94	100.00	100.00	0	0		
8			Silo									
9			Aero									
	44	3rd Stage Fagine			17.47	98.54	106.43	111.38	0	2003		
11			Silo	.43		94.95	110.30	117.70	00	0		
12	_		Aero	.80		94.95	110.30	117.70	0	Q		
끘), e	Interstage 2-3	Base	.20	120.03	131.00 59.73	100.00	100.00 101.53	.010	.006		
14 15	.12	(Fwd)	Silo		120.03	72:17	200.06					
16			Aero		-							
17			Base	2.81		<i>5</i> 7 · 33	107.51	108.65	0	0		
18		r	- Silo	1.92		61.11	101.01	101.74	0	0		
19		Jett1soned	Aero	3.40		61.59	100.27	100.47	0	0		
20		Portion	Base	0-10		73. 73	98.79	100 72	.008	.005		
21	1.5	7	- Jett	87.42	63.40	61.61 80.59	99.30	100. 73 101.42	.006	.003		
	45	Interstage 2-3 (Aft)	Silo	1.18	05.40	82.27	100.50	100.84	0	0		
23. 24			Aero	1.18		62.00	103.07	105.23	ŏ	ŏ		
	46	2nd Stage Engine			32.97	146.71	105.96	110.40	.001	.018		
26			Silo	.63		99.62	112.30	121.20	0	0		
27 28			Acro	.53		99.62	112.30	121.20	0	0		
			Base	1.80	0.5.3.5	189.25	100.00	100.00	0	0		
	42				243.15	67.20	99.52	101.63	.032	.022		
30 31		(Fwd)	Silo Aero				 					
32		<u> </u>	Base	3.10		64.c6	112.35	115.53	0	0		
33		r	- Silo	4.21		66.61	100.32	100.55	.001	Ö		
34		Jett/soned	_Aero_	7.56		66.87	100.10	100.17	.001	.001		
35	 	Portion	_Base	5.40		67.09	100.27	100.76	.001	0		
36		\\	- Jett	198.41	300.00	68.67	98.64	101.10	.028	.018		
37 38	42	Interstage 1-2	Silo	2 27	129.23	96.90 96.69	100.81	99.82	.024	.014 0		
39	-	797.67	Acro	3.37	!	97.71	101.98	103.41	.001	0		
4	48	let Stage Engine			61.77	227.60	109.87	116.70	.004	.115		
41			Silo	2.89		190.41	111.84	120.45	0	.004		
42			Aero	1.04		136.60	117.20	129.70	0	.001		
43	لبا		Base	4.80		302.40		100.00	0	0		
44	49	Skirt	- 643 -	10.50	281.64	68.49	100.84	101.14	.064	.039		
12	\vdash		Silo	17.57			100.35		.004	·005		
45 45 48	\vdash		_Aero_ _Base_	3.33 40.60		69.10			.001 .009	•006		
48		MISSILE			950.68							
49			Silo	32.20								
50			Aero	21.25								
51 52			Ваве	58.71								
52		oeing Section St	Jett	285.83		<u> </u>	ــــــــــــــــــــــــــــــــــــــ	لسيبا				

* Boeing Section Stations (See Missile Station Diagram)
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3.		MISSILE NO. 762				REPORT	NO.					
ļ		MEICHT AND DAIAN			í							
		MAJOR COMPONENTS	SVM DOC			DATE			TNE	RTIA		
LINE	330	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL	CENTER	O! GRA	/ITY		r2x10-3		
13	S	DESCRIPTION	DATA	(LB)	WEIGHT (LB)	LONG.*	-1,A.:	VERT.	ROLL	PITCH		
7	41	RV Spacer			120/	Ziono						
2	~ *	AV Space 32	Silo									
3	\vdash		Aero									
14	39	CTLI Section										
			Silo									
5 6			_ Acisi				***************************************					
	42	G&C Section			1.02	80.94	100.00	100.00	0	0		
8			.S <u>1</u> ;ιο									
9			Aero									
10	44	3rd Stage Engine			17.60	98. 79	106.39	111.30		003_		
11			Silo	.43		94.95	110.30	117.70	0			
12			_Ac::0_	.80		_96.95	110.30	117.70	0	<u>\$</u>		
13	ليها		Beare	.20		171.00	100.00	100.00	0	- 0		
14	45	Interstage 2-3			119.64	59.77	100.03	101.55	.010	.006		
15	 -⊢	(Fwd)	<u>51.0</u>	 			···					
16	\vdash		Au. >>	2.81	} 	<i>5</i> 7.33	107.51	108.65	0	0		
17	$\left - \right $		Ba.₃⊕ = S≾ to	1.92		61.11	101.01	101.74	0	0		
18 19	\vdash	7-444		3.40		51.59	100.27	100.47	- ŏ	ŏ		
20		Jettisoned Portion		3:10		31.75	100.21	100.41				
21	╂─┤	TOP CAON	- Jott	67.03		61.67	98.81	100.77	.008	.005		
22	45	Interstage 2-3			63 .1 4	80.59	99.30	101.42	.006	.003		
23.	1	(Aft)	_311Q	1.18	<u></u>	80.77	100.50	100.84	0	0		
24			Jero	1.33		€2.00	103.07	105.23	0	0		
25	46	2nd Stage Engine			33.01	146.76	105.96	110.38	.001	.018		
26			_iilo_	.63		99.62	112.30	121.20	Q	0		
26 27 28			7310	.53		99.62	112.30	121.20	0	0		
28			Base	1.80		189.25	100.00	100.00	0	0		
29	42	Interstage 1-2			241.60	67.26	99.55	101.70	.032	.022		
30	L_	(Fvd)	_5110_							ļ		
31	_		longo									
32	ļ		_Bace_	3.10		64.06	112.35	115.53	0			
33.			-6:10	4.2]		66.61	100.32	100.55	-001	0 0		
34	 	Jettleoned		7.56		66.87	100.10	100.17	.001			
35	+	Portion	_Esse	5.40 196.26		67.09 68.96	100.27 98.66	100.76	.028	.018		
	42	Interptage 1-2	<u>- je1 t</u>	1.20.00	128.33	95.90	100.81	99.82	.024	.014		
38		(ASt)	\$: i o	3.37	Ve33	96.69	100.34	100.59	.001	0		
30		100 3/		3.41		97.71	101.98		.001	Ō		
40	48	lot Stage Engine			61.60	227,35		116.75	.004	.115		
51			€ , lo	2.89	X	190.41	111.84	120.45	0	.004		
42	Γ		Arro	1.04		136.60	117.20	120.70	0	.001		
43			Fase	4.80		309.40	100.00	100.00	0	0		
	49	Skirt			278.84	68,44	100.76	101.19	.064	.039		
45			Silo	17.57		68.02	100.35	100.60	.004	.002		
46			Auco	3.33		67.80	100.64	101.12	.001	0		
42	Ļ	<u> </u>	_Buse_	40.60		69.10	101.70	102.76	.009	.006		
48	↓_	MISSILE		<u> </u>	944.78	<u> </u>		ļ				
49	┞_		_Silo_	32.20		 -			 			
50	 		_A:ro_	21.25	ļ	ļ						
51 52	↓		_B194_	58.71						 		
<u>152</u>		neing Section St	1:55	283.89		. 57		L				

* Boeing Section Stations (See Miscile Station Diagram)
2-5550-0-58

**TITEINO VOL ESTERNO | VOL SEC.

3.4	2 <u>1</u> 1	MISSILE NO. 763		4100		REPOI.	T 110.			
1		WEIGHT AND DAIAS	CE SULTA	ли х 200261		DATE				
122	<u>, ;</u>			EXPENDED			R OF GRA	VITY	INE	RTIA T2x10-3
LINE	8	DESCRIPTION	DATA	(LB)	(LB)	I.ONG.*	LAT.	VERT.	ROLL	HOTTA
ī	41	RV Spacer		 				1	 	
2			Silo					 	 	† ·
3	_		Aero							
	7 2	CTLI Section								
5			Silo	ļ			ļ	ļ	ļ	<u> </u>
- 5	ļ. <u>-</u>		_Aero_		1 00	- Co. Ol.	100 00	100.00	-	 _
- 7	1.5	G&C Section			1.02	80.94	100.00	100.00	0	<u>C</u>
_8			Silo					 		
_9 10	E	3rd Stage Engine	Aero	 	17.60	98.79	106.38	111.30	0	.003
11		Jiu otaku zakine	Silo	.43		94.95	110.30	117.70	0	0
12	-		Aero	.80		94.95	110.30	117.70	ŏ	O.
1 3	_		Base	.20		131.00	100.00	100.00	Ö	Ô
14	1.5	Interstage 2-3			119.97	59.89	100.07	101.53	.010	.006
15		(Fwd)	Silo	ļ			ļ	ļ	 	
16 17			Aero				305 55	300 7=		<u>-</u>
13	-		Base	2.81		<u>_57.33</u>	107.51	108.65	<u> </u>	
18 19	·-	Jettisoned	- Silo	1.92 3.40		61.11	101.01	101.74	0	
20		Portion	Aero Base	7:"0		<u> </u>	100.21	100.41	 -	
Si			- Jett	87.36		61.83	98.87	100.73	.008	.005
2:	15	Interstage 2-3		011-3	63.36	ω.59	99.30	101.42	-006	.003
2) کا		(Aft)	Silo	1.18		_80.27	120.50	100.84	0	0
			Aero	1.18		65.00	103.07	105.23	0	0
25	16	and Stage Engine			3 2.82	146.50	105.99	110.45	.001	.018
25.			Silo	63_		99.62	112.30	121.20	0	
27 28			Acro	.53 1.80		99.62	112.30	121.20	0	0
29	17	Interstage 1-2	Base	1.00	242.93	189.25 67.09	99.55	100.00	0	000
30	'-	(Fwd)	Silo		E46.93	01.09	29.22	101.15	.032	.022
30 31			Aero							
32	-		Base	3.10		64.06	112.35	115.53	0	0
33. 34.			- Silo	4.21		66.61	100.32	100.55	.001	0
34		Jettisoned_	Aero	7.56		66.87	100.10	100.17	.001	.001
35		Portion	_Base	5,40 193.19		67.09 63.74	100.27	100.76	.001	0
37	12	Interptore 1-2	- Jett	190.19	129.10	90.90	98.66 100.81	101.22	.028 .024	.018
36 37 38	-	(Aft)	Silo	3, 37	4-2-40	96.69	100.34	100.59	.001	.014 0
13 9 [Acro	3.37 3.41		97.71	101.98	103.41	.001	0
39 40	18	let Stage Engine			61.34	2 26.96	109.95	116.82	.004	.115
411			Silo	2.89		190.41	111.84	120.45	0	.004
42			Aero	1.04		126.60	117.20	129.70	0	.001
14	-	01-4-4	Base	4.80	- AN - AT	302.40	100.00	100.00	0	0
14.4	-9	Skirt .		30 50	280.89	68.58	100.96	101.00	.064	.039
45 46.			\$110	17.57		68.02	100.35	100.60	.004	-005
45	-		_Aero_ Base	3.33 40.60		_67.8 <u>0</u> _69.10	100.64	101.12 102.76	.001 .009	.006
42. 42.		MISSILE	- Milit		949.03	- 22.121	-=~=,1		••••	
49			\$110	32.20						
52 51 5?			Aero	21.25						
5L.			Base	58.71			1			
			Jett	285,55	I					
	1 10	oeing Section St	a++ana (Ala Chak	tan Maa	\			

Boeing Section Stations (See Missile Station Diagram)
2-5:550-0-58

MO D2-13946-6

SEC. MGE 34

3.2		MISSILE NO. 764				REPUR	T NO.			
		WEIGHT AND BAIAN				DATE			· ····································	
LINE	, 33 33	MAJOR COMPONENTS DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL WEIGHT		R OF GRA	VITY		RTIA r2x10-3
3	ŝ	D1:30R2.F 110N	DALA	(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								
			Silo							
. 2 3			Aero							
4	39	CTLI Section								
5 6			Silo	 						
- 8	4.3	C0 C C - 1 /	_Aero_	 -	1.02	80.94	100.00	100.00		0
	42	G&C Section	Silo	 	1.02	09.90	100.00	100.00		· - · - · · · · · · · ·
9			Aero	 			ļ			
	44	3rd Stage Engine	Yelo		17.59	98.77	106.38	111.31	_ 0	.003
ű		Z-S-FRA- SASSI	Silo	.43		94.95	110.30	117.70	0	Ö
12			Aero	.80		94.95	110.30	117.70	0	00
13			Base	.20		131.00	100.00	100.00	0	0
14	45	Interstage 2-3		ļ	119.82	6.01	100.17	101.53	.010	.006
15		(Fwd)	Silo	ļ						
16			Aero	2.81		(7 22	107 51	108.65		
17 18	-		Base - 513-	1.92		57.33 61.11	107.51	101.74	0	0
10	-	Jett1soned	- Silo Aero	3,40		61.52	100.27	100.47	0	0
20		Portion	Base	— γ.:·ν_			100.21	100.41		· · · ·
21			- Jett	87.21		61.99	99.02	100.72	.co8	.005
22	45	Interstage 2-3		1	63.25	6).59		101.42	.006	.003
23 24		(Aft)	Silo	1.18			100.50	100.84	0	0
			Aero	1.18		62.00	103.07	105.23	Ö	Ö
25.	46	2nd Stage Engine			33.01	146.76	105.90	110.38	.001	.018
26.	Ш		_Silo_	63_		55.65	112.30	151.50	0	0
27. 28	Н		_Acro_	.53		99.62	112.30	121.20	o	0
20	1.0	7-443-3	Base	1.80	0.0.00	189.25	100.00	100.00	0	0
29 30		Interstage 1-2 (Fwd)	Silo	 	243.37	67.27	99.44	101.80	.032	.022
31	-	/1 w@/	Aero	 						
32			Base	3.10		64.06	112.35	115.53	0	0
33			- Silo	4.21		66.61	100.32	100.55	-001	0
35		Jett!soned	_Aero_	7.56		65.87	100.10	100.17	001	.001
35		Portion	_Base_	5.49		67.02	100.27	100.76	.001	0
36		<u> </u>	- Jett	193.63		68.95	98.53	101.31	.028	.018
32 38	42	Interstage 1-2	043	 	129.36	90.90	100.81	99.82	.024	.014
20 39		(Aft)	Silo	3.37		96.69	100.34	100.59 103.41	.001	0
4	48	lat Stage Engine	Acro	 -] • " 	61.60	97.71 227.35	101.98 109.93		.001 .004	- 0
41	۲	- Tours	Silo	2.89	94.00	100.41	111.84	120.45		.115
41 42			Aero	1.04		126.62	117.20	129.70	0	.001
43			Base	4.80		30 40	100.00	100.00	0	0
44	49	Skirt			279.04	63.58		101.13	-064	•039
45			Silo	17.57		_63.02	100.35	100.60	•004	.002
5458 99 858			Acro	3.33		67.80	100.64	101.12	.001	0
12	لــــا	NIGOTI D	Base_	40.60	-1.0	69.10	101.70	102.76	•009	.0 06
40		MISSILE		1 22 22	948.07					
뙶			_\$110_	32.20						
썱	-		Aero	21.25 58.71		 				
씘			_Base_ _Jett_	285.84						
	-	oeing Section St				<u> </u>		1		

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**Boeing Section Stations (See Missile Station Diagram)
**Doeing Section Station Station Diagram (See Missile Station Diagram)
**Doeing Section Station Station Diagram (See Missile Station Diagram)
**Doeing Section Station Station Diagram (See Missile Station Diagr

3.	26	MISSILE 110. 765				REPOI	1 110.			
l		WEIGHT AND BALA				(**********		
<u></u>		MAJOR COMPONIEST	<u> </u>	7	T	DATE			THE PARTY OF	
E S	ន	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL	CENTE	E OF GRA	VITY		12x10 -3
[3]	in	DESCRIPTION	D/11	(IB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
$\overline{1}$	41	RV Spacer								
2			Silo	<u> </u>	 	 	†		† 	
3			Aero	 		 				
4	39	CTLI Section								
5 6			Silo	L						
6			Aero							
	42	G&C Section			1.02	89.94	100.00	100.00	0	<u>Q</u>
_8 9			Silo			ļ		ļ	ļ	
	-		Aero							
	44	3rd Stage Engine		ļ	_17. 58.	98.76	106.39	111.31	0	.003
11			Silo	.43		24.95	110.30	117.70	0	0
12			Aero Base	.80	- 	24.95	110.30	117.70	00	Q
17.), E	Interstage 2-3	Dase	.20	110 67	131.00	100.00	100.00	0	0
15	72	(Fwd)	Silo		119.67	<u>59.66</u>	100.19	101.53	010	.006
16		7. 40/	Aero					·		
12		······································	Base	2.81		_57.33	107.51	108.65	0	
18			- Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	ŏ	0
20		Portion	Base						<u>-</u>	
21			- Jett	87.06		61.79	92.04	100.73	.008	.005
22	45	Interstage 2-3			63-16	60.59	97.30	101.42	.006	.003
23 24		(ASt)	Silo	1.18		60.27	122.50	100.84	0	0
		·	Aero	1.18		£2.00	103.07	105.23	Ó	0
25	46.	2nd Stage Engine			32.89	1 46.65	105.98	110.42	.001	.018
26			Silo	63_		_99.62	112.30	121.20	Q	0
27			_Acro_	.53		92.62	112.30	121.20	0	0
28	-		Base	1.80		182.25	100.00	100.00	0	0
30	47	Interstage 1-2			243.21	67.03	99.65	101.57	.032	.022
30 31		(Fwd)	Silo							
32			Aero			(1, 5)				
33			Base - Silo	3.10 4.21		66.61	112.35	115.53	0	0
34		Jettisoned	_Aero_	7.56		65.87	100.32	100.55	-001	0
35	_ 1	Portion	nero _Base	5.40		67.02	100.27	100.17 100.76	.001	-001
36.1			- Jett	198.47		68.74	98.78	101.04	.001	.018
37	42	Interstage 1-2			129.27	96.90	100.61	99.82	.024	.014
38 30		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
-1	اي		Acro	3.41		97.71	101.98	103.41	.001	ŏ
40	48	let Stage Engine			61.25	2 26.83	1 09.90	116.84	.004	.115
41			Silo	2.89		197.41	111.84	120.45	0	.004
42 43	-		Aero	1.04		136.69		129.70	0	.001
		Skirt	Base	4.80		309.40	100.00	100.00	0	0
45	**	OKIL!	6412	17 57	280.49	68.49	100.67	101.15	.004	.039
46	\dashv		Silo	17.57		68.02	100.35	100.60	.004	.002
42	7		Aero Base	3.33		67.60 69.10	100.64	101.12 102.76	.001	00-
48		MISSILE			948.54	07.10	701.10	705.10	•009	.006
49			Silo	32.20	7,0,7					
50			Aero	21.25						
51	_		Ване	58.71						
52				285.53						
	P.	oeing_Section St	ations (See Man	11a Stati	lan Disa	-		l.	

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**Control Vol. SEC t

3.	27	MISSILE NO. 766	1011 (IIII.e.)			REPORT	r no.			
İ		WEIGHT AND IMAN				DAT'E	E 44-4			
(4)		ENDOR CO. LORENTA	<u> </u>	J	PV\M + Y	ence se ultra è cele en mandimina			INE	211 I A
LINE	8	DESCRIPTION	DATA	EXPENDED WEIGHT	WEIGHT	CENTER	OF GRAI	VITY	SLUG F	
1-1	v)			(III)	WEIGHT (LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								
. 2			Silo							
3			Aero							
	39	CTLI Section								
5	_		Silo				page and according to the supplemental contribution to			
-6			_Acro_		1.60		300 00	100.00		
	42	G&C Section			1.02	80.94	100.00	100.00	O	
8 9		The state of the s	_Silo_							
1-21	1.7.	Total Character to	Aero		17 60	93.97	106.35	111.24	· 0	-003
1	222	3rd Stage Engine	Silo	.43	17.69	94.95	110.20	117.70	0	د نبرد
1 <u>1</u>			Aero	.89		94.95	110.30	117.70	0	0
12			Base	.20		131.00	100.00	100.00	0	0
	45	Interstage 2-3	2.000	* (37	119.40	59.93	100.21	101,67	.010	. 006
15	.:.2.	(Fwd)	Silo			and a factor of the same and a	ುಗಾಗಿ ಕಾರ್ವಿನ ನಿರ್ವಹಿತಿ (ur man an energe at 196 of an	. manus (, # AT # - +	
16		an armound the common of the formation of a marion and separate	Aero							
17			Вапо	2.81		57.33	107.51	108.65	0	0
18			- Silo_	1.92		61.13.	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	1.00.47	0	0
20.		Portion	_Base_					• •		
53		L	- Jott	86.79	-	61.00	02.07	100.94	.008	.005
	45	Interstage 2-3			62.93	_ (0.59	99.30.	707.45	.006_	.003
23.		(Alt)	_S110_	1.18		<u>82.27</u> _	100.50	100.84	0	<u> </u>
24	-		Acro	1.18		82.00	103.07	105.23	0	
	46	2nd Stage Engine	C13 -	(2	32.89	1/16.60	105.98	110.42	.001_	.018
26.			Silo	63_ . 53_		_99.62 _99.62	112.30	12120 12120	0	0
27. 28.			_Aero_ Baso	1.80	t man di sala aya di qiqi yariyd yakin i	180.25	300.00	100.00	0	0
	47	Interstage 1-2	D/(30	1.00	242.64	67.32	99.40	1.0157	.032	.022
30		(Fwd)	Silo		<u> </u>				\\\;	1.U.G. G
31			Aero					l		
38.			Ваве	3.10		64.06	112.35	115.53.	0	0
33.			Silo	4.21	andhas-radino spigura ap as y- ar s	66.61	100.32	100.55	-0Q1	00
34		Jett!soned_	_Aero_	7.56		66.67	100.10	100,17	,001	001
35		Portion	Page_	5.11Q		67.09	100.27	100.76	.001_	0
136_		L.	- Jett	197.99		69.03	98.48	1.01.03	.028	.018
37	42	Interntage 1-2		<u>-</u>	128.94	26.90	<u> </u>	99.62	.024	.011
38 39		(Aft)	Silo	3.37		96.69	100.34	100.59	.001_	00
137	1.0	lot Stage Engine	_Aaro_	3.47	61.40	97.71 227.05	101.98	116.80	.00]	00
47	125	Tar orage rukine	Silo	2.89	01.40	190.41	109.94	120.45	-004	.115
42			Aero	1.04		136.60	117.20	129.70	0	.001
43			Base	4.80		309.10	100.00	100.00	0	.001 0
		Skirt			281.14	68.50	100.87	101.05	.064	.039
45			Silo	1.7 . 57	· · · · · · · · · · · · · · · · · · ·	68.62	100.35	100.60	2.004	.005
46			Acro	3.33		67.60	100.04	101.12	.001	0
42	<u> </u>		Base	10.60		69.10	101.70	102.76	.009	.006
48		MISSILE	ļ	ļ	948.10					
49	 		_Silo_	32.20						
50	 		Aero	21.25						
51 52	1		Base	58.71 285.59						
1			Jett							

* Boeing Section Stations (See Missile Station Diagram)
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SEC

NOE 30

3.2	28	MISSILE 110. 767 WEIGHT AND DAIA MAJOR COMPONENT				REPUR DATI:	T NO.			
LINE	333.		DATA	EXPENDED WEIGHT	TOTAL WEIGHT		R OF GRA	V ITY		RTIA T2x10-3
3	L	1	DAIA	(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer		<u> </u>						ļ
2	L_		Silo	<u> </u>	<u> </u>	<u> </u>		<u></u>	ļ <u>.</u>	ļ
3			Aero	ļ			ļ		ļ	ļ
4	39	CTLI Section	043.	 			 .			ļ
. <u>5</u>			Silo Aero	 			 			
2	42	G&C Section	ACIO	 	1.02	80.94	100.00	1.00.00	0	0
8			Silo	1						
9			Aero							
	44	3rd Stage Fogine			17.65	98.89	106.36	211.26	0	QQ3
11			Silo	.43		94.95	110.30	117.70		0
12			Aero	.80		94.95	110.30	117.70	0	<u>0</u>
13 14), c	Interese 3.7	Base	.50	330.05	131.00	100.00	100.00	0	006
15	.7.2	Interstage 2-3 (Fwd)	Silo	 	119.25	_59.93	100.14	101.60	.010	.006
16		\\ <u>^~\</u>	Aero						·	
17			Base	2.81		57 - 33	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3,40		61.59	100.27	100.47	0	0
20		Portion	Base							
21			- Jett	86.64	7- 66	61.89	98.97	100.81	.008	.005
	45	Interstage 2-3			62.88	80.59	99.30	101.42	.006_	.003
23. 24		(Aft)	<u>\$110</u>	1.18 1.18		80.97 82.00	100.50 103.07	100.84 105.23	0	8
_	46	2nd Stage Engine	Aero	1.10	33.02	146.78	105.95	110.38	.001	.018
26	J	THE PROPERTY OF	Silo	.63	11.05	99.62	112.30	121.20	0	0.010
27 28			Acro	.53		99.62	112.30	121.20	ŏ	ŏ
			Base	1.80		189.25	100.00	100.00	0	0
	47				242.71	67.17	99.41	101.52	.032	.022
30		(Fwd)	Silo							
31			Aero	<u> </u>						
<u>32</u>			Base	3.10		64.06	112.35	115.53	0	
33 34		Jettisoned	- Silo Aero	4.21 7.56		66.61 66.87	100.32	100.55	-001	0
35	\neg	Portion	Aero _Base	5.40		67.09	100.10	100.17	.001	.001
36.1			- Jett	197.97		68.84	98.50	100.97	.028	.018
37 38	47	Interstace 1-2			128.97	96.90	100.81	99.82	.024	.014
		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39	7.0	Jan Chara Barri	_Aero_	3.41		97.71	101.98	103.41	.00}	0
40	70	let Stage Engine	\$41-	200	61.37	227.01	109.94	116.81	-004	.115
42			Silo Aero	2.89		136.60	111.84	120.45	0	.004
43			Base	4.80		309.40	100.00	129.70 100.00	0	.001
44	49	Skirt		 	279.99	68.84	100.50	100.57	•064	.039
45			Silo	17.57		68.02	100.35	100.60	.004	.002
45 46 47 48 49 50 51	_]		Aero	3,33		67. 80	100.64	101.12	.001	0
421			Вале	40.60		69.10	101.70	102.76	.009	.006
40		MISSILE			946.86					
49			_\$110_	32.20						
껅			Aero	21.25						
썱			_Base_ Jett	58.71 284.61						
	· P	oeing Section St			13a Stat	ion Diam		L		

NO D2-13946-6 t SEC

3.	29					RETOR	T NO.			
1		WEIGHT AND BAIA MAJOR COMPONENT		nig 000278		DATE	-			
LINE	SEC.	DESCRIPTION	DATA	EXPENDED	TOTAL WEIGHT		R OF GRA	V ITY	INE SLUG F	RTIA T2x10-3
13	3	DESCRIPTION	DATA	(IB)	(LB)	LONG .*	LAT.	VERT.	ROLL	Pitch
1	41	RV Spacer								
12	ļ		Silo	 						ļ
ᆤ	1=2	CML T. C. and T.	Vero_	 		 	ļ	 		
5	123	CTLI Section	Silo	 	<u> </u>		 -	ļ		
6	 		Acro		 		}	 	}	† <u>-</u>
12	42	G&C Section			1.02	80.94	100.00	1.00.00	0	0
8			5110					<u> </u>		
9	_		Aero							
10	44	3rd Stage Fogine		1.5	17.59	98.77	106.38	111.30	0	.003
11	-	l	Silo Aero	.80		94.95 94.95	110.30	117.70	00	O
12 13			Base	.80		131.00	110.30 100.00	117.70	0	0
14	45	Interstage 2-3		· · · · ·	119.97	60.06	100.28	101.43	.010	.006
15		(Fwd)	Silo							
16	<u> </u>		Aero		<u> </u>					
17	 		Base	2.81	<u></u>	57.33	107.51	108.65	0	0
18 19	-	Yattaanad	Silo	1.92		61.11	101.01	101.74	0	0
20		Jettisoned Portion	Aero Base	3.40		01.79	100.21	100.41	0	0
21			- Jett	87.36		62.06	99.17	100.60	.008	.005
22	45	Interstage 2-3		<u> </u>	63.36	80.59	99.30	101.42	.006	.003
23 24		(Aft)	Silo	1.18		80.97	100.50	100.84	Q	0
	<u> </u>		Aero	1.18		62.00	103.07	105.23	0	0
25. 26	46.	2nd Stage Engine			32.77	146.43	106.00	110.46	.001	.018
20	-		Silo	.63 .53		99.62 99.62	112.30	121.20 121.20	Ŏ	<u> </u>
27 28			Aero Base	1.80		189.25	112.30	100.00	0	0
	47	Interstage 1-2	200	1.00	242.96	67.32	99.37	101.63	.032	.022
30		(Fwd)	Silo			71.07		-4V4-9V)	<u>, , , , , , , , , , , , , , , , , ,</u>	
31			Aero							
32			Base	3.10		64.06	112.35	115.53	0	0
33 34		Jett!soned	Silo	4.21 7.56		66.61 66.87	100.32	100.55	.001	0
35.		Portion	_Aero_ _Base	5.40		67.09	100.10 100.27	100.17	.001	001
36			Jett	198.22		69.02	98.44	101.10	.028	.018
37	47	Interstace 1-2			129.12	96.90	100.81	99.82	.024	.014
38		(Ast)	Silo	3.37		96.69	100.34	100.59	.001	0
39	LA	let Stage Engine	Acro	3.41	- (1 A)	97.71			.001	0
ĭĭ	٢٧	WAY A PAKE WILKTING	Silo	2.89	61.34	226.96 190.41	109.90 111.84	116.81	.004	.115
42			Aero	1.04		136.60	117.20	129.70	- 0	·001
43			Base	4.80		309.40		100.00		.001
44	49	Skirt			278.94	68.62	100.84	101.15	.064	.039
45 46 47			Silo	17.57		68.02	100.35	100.60	.004	.002
70			Aero	3.33			100.64	101.12	.001	0_
48		MISSILE	Base_	40.00	947.07	69.10	101.70	102.76	.009	.006
49			Silo	32.20	7-1-71			·		
50			Aero	21.25						
<u>51 (</u>			Base	58.71						
52			Jett	285.58						
- 7	B	oeing Section St			17e Stat	ion Ding	, (m.			

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

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(See Missile Station Diagram)

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3.3		MISSILE NO. 769 WEIGHT AND BALAN	NCE SUITE	VII.		HEPOR'S	T NO			
63		PADOR COMPORTAL	<u> </u>	EXPENDED	TUTAL					ALTS
LINE	sæ.	DESCRIPTION	DATA	WEIGHT	WEIGHT	CENTE	R OF GRA	VITI		r2x10-3
7	S			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	5	RV Spacer								
2			Silo							
3			Aero							
4	39	CTLI Section								
			Silo							
. <u>5</u> 6			Aero							
	42	G&C Section			1.02	80.94	100.00	100.00	0	Ω
8			5110							
9			Aero				<u> </u>			
10	44	3rd Stage Engine			17.63	93.85	106.37	111.28	0	.003
11			Silo	.43		94.95	110.30	117.70	0	0
12			Aero	.80		94.95	110.30	117.70	0	0
13			Ваяе	.20		131.00	100.00	100.00	0	0
14	45	Interstage 2-3			120.00	_59.93	100.10	101.54	.010	_006_
15		(Fwd)	Silo						·	
16	Ш		Aero							
17			Base	2.81		57.33	107.51	198.65	0	
18			Silo	1.92		61.11	101.01	101.74	0	0
19	Ш	Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20	\square	Portion	Base							
21			- Jett	87.39		61.88	98.93	100.74	.008	.005
22	45	Interstage 2-3			63.38	£0.59	99.30	101.42	.006	.003
23. 24	<u> </u>	(ACt)	SIJo	1.18		80.77	100.50	100.84	<u> </u>	<u> </u>
			Aero	1.18		62.00	103.07	105.23	0	0
25.	46	2nd Stage Engine			32.71	146.34	106.01	110.48	.001	.018
26	-		Silo	.63		99,62	112.30	121.20	<u> </u>	<u> </u>
22	-		_Acro_	.53		99.62	112.30	121.20	0	0
28	-		Base	1.80	0) 0, 55	189.25	100.00	100.00	0	0
29	4Z.	Interstage 1-2	<u> </u>		242.55	67.19	99.42	101.78	-032	.022
30	-	(Fvd)	Silo							
31			Velo	2.20		(), 0(330 00	335 53		
32			Base	3.10		64.06 66.61	112.35	115.53	0	<u> </u>
33 34	 		Silo	4.21 7.56		66.87	100.32		-001	0
35	\vdash	Jettisoned Portion	_Aero_	5.40		67.09	100.10	100.17	.001	.001
36		LOCK LOD	Base Jett	197.81		68.87	98.50	101.29	.028	.018
37	42	Interstage 1-2			128.88	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39			Acro	3.41		97.71	101.98	,	.001	ŏ
40	48	lat Stage Engine			61.60	227.35	109.90	116.75	.004	.115
41			Silo	2.89		190.41			0	.004
42			Aero	1.04			117.20		0	.001
43			Base	4.80		309.40		100.00	0	0
44	49	Skirt			279.04	68.57	100.86	101.10	.064	.039
45			Silo	17.57		68.02		100.60	.004	.002
45 45 45 45 45 45 45 45 45 45 45 45 45 4			Acro	3,33		_67. <i>8</i> 0	100.64	101.12	.001	0
42			Base	40.60		69.10		102.76	•009	.006
148		MISSILE			946.81					
अक्षत			5110	32.20						
50			Aero	21.25						
51			Base	58.71						
52			Jett	285.20						
	4 8	oeing Section St			tle Stat	ton Ding	mm)			

Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

MO D2-13946-6

3.	-	Missile no. 771				REPOR	T NO.			
1		MEICHL VHD BVIV				(, , , , , , , , , , , , , , , , , , ,		-	
_		MAJOR COMPONENT	<u>ម </u>			DATE	en:	*******	18.14 W W W W W W W W W W W W W W W W W W W	70 TA
LINE	ဒ္ဓဒ	DESCRIPTION	DATA	EXPENDED WEIGHT	WEIGHT		R OF GRA		SI,UG	RTIA T2x10-3
片				(LB)	(LB)	LONG.*	LAT.	VE T.	ROLL	PITCH
	41	RV Spacer	<u> </u>	 			<u> </u>	 		
_2			Silo	 	<u> </u>	 .		} -	 	ļ
13	70	CTLI Section	Aero			 .	 -	 		
4	2.2	GINT SECTION	Silo	 		 	 	 	 	· · · · · · · · · · · · · · · · · · ·
.5 6	-		Aero	 	····		 	<u> </u>		†
2	42	G&C Section			1.02	80.94	100.00	100.00	0	0
8			Silo]	ļ
9			Aero						1 	<u> </u>
10	44	3rd Stage Engine		ļ	17.64	98.87	106.36	111.2		-003
11			Silo	.43		94.95	110.30	117. 3	0	0
15			Aero	.80		94.95	110.30	יין .70		<u>0</u>
13	اعدا	Interstage 2-3	Base	,20	110 50	131.00	100.00	<u> </u>	0	.006
15	"	(Fwd)	Silo	 	119.52	_60.03	100.18	101.56	-010	1
16		71 447	Aero	-						
12			Base	2.81		57.33	107.51	108.65	0	0
18			Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20		Portion	Base							
51			- Jett	86,91	76	62.09	99.01	100.76	.008	.005
22.	45	Interstage 2-3	643		63.06	80.59	_99.30	101.42	-006	.003
23. 24		(Aft)	Silo Aero	1.18 1.18		80.97 82.00	100.50 103.07	100.84 105.23	0	0
	46	2nd Stage Engine		1.10	32.87	146.57	105.98	110.43	.001	.018
26	.15.	THIN A RUED THINKIN	Silo	.63	32.01	99.62	112.30	121.20	0	0
27			Acro	.53		99.62	112.30	121.20	Ö	0
27 28			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interstage 1-2			242.99	67.11	99.57	101.54	.032	.022
30	_	(Fvd)	Silo							
31			Aero							
32	-	- 	Base	3.10		64.06	112.35	115.53	0	
33 34	 	Jettisoned	- Silo	4.21 7.56		66.61 66.87	100.32	100.55	.001	0
35		Portion	_Aero_ _Base_	5.40		67.09	100.10	100.17	.001	.001
361			- Jett	198.25		68.77	98.69	101.00	.028	.018
37	42	Interntage 1-2			129.14	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39	1.0	3.464	Aero	3.41			101.98		.00]	0
끊	40	let Stage Engine	643-		61.88	227.76	109.86	116.67	.004	.115
42 42			Silo	2.89		190.41	111.84	120.45	0	.004
43	\vdash		Aero Base	1.04 4.80		136.60 309.40	117.20	129.70	0	.001
	49	Skirt	<u>~408</u>	7.00	280.3Ł	68.46	100.00	100.00	.064	0
45			Silo	17.57		68.02	100.35	100.60	.004	.039
45 46			Aero	3.33		67.80		101.12	.001	0
47 48	\bot I		Base	40.60		69.10	101.70	102.76	009	.006
<u> 48 </u>		MISSILE			948.46					
49 50 51 52			_8110_	32.20]		
20			Velo	21.25						
갩			Base	58.71						
		eing Section St		285.16				1	ليسيين	لـــــــــــــــــــــــــــــــــــــ

* Boeing Section Stations (See Missile Station Diagram)
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**ROD D2-13946-6

**SEC. **PAGE | k1

3.3	12	MISSILE NO. 772			1	REPORT	. 110			
	_	WEIGHT AND DAIA	ICE SUITA	ΛICY	1	REPORT	. 110			
ļ		MAJOR CONTONEIST	s/N 00	00269	i	DATE	and	ionis des staans		
LINE	SEC.	DESCRIPTION	DATA	EXPENDED WEIGHT	TOTAL VEIGHT	CENTE	OF GRA	/ ITY	SLUG F	
3	S	DESORTETION	PALA	(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
ī	41	RV Spacer		i						
			Silo							
2			Aero							
	39	CTLI Section	مساحات الاختيب							
5			Silo							
6			Aero							
. 2	42	G&G Section			1.02	80.94	100.00	100.00	0	<u> </u>
8			Silo	<u> </u>						├ -
9			Aero	L			106 50	111 00		
	44	3rd Stage Engine		 	17.61	98.81	106.38	111.29		003
11	-		Silo	.43		94.95	110.30	117.70	0	
12	Ш		Aero	.80		94.95	110.30	117.70	00	0
13	,		Ваве	.20	119.28	131.00 60.02	100.00	100.00	.010	.006
	45	Interstage 2-3	647-	ļ- -	117.50	<u> </u>	100.10		• 414	
15	├─┤	(Fwd)	Silo Aero		 -					
16			Base	2.81		57.33	107.51	108.65	0	0
17 18	┟╾┤	·	- Silo	1.92	i	61.11	101.01	101.74	ō	Ō
19	\vdash	Jettisoned	Aero	3.40		61.59	100.27	100.47	Ō	0
20	\vdash	Portion	Base	1						
zĭ	H	t	- Jett	86.67		62.01	99.00	100.83	.008	.005
	45	Interstage 2-3		1	62.90	80.59	99.30	101.42	.006	.003
23		(ASt)	Silo	1.18		80.97	100.50	100.84	0	0
24			Aero	1.18		82.00	103.07	105.23	0	0
25.	46	2nd Stage Engine			32.99	146.74	105.96	110.39	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27 28			Acro	.53		99.62	112.30	121.20	0	0
	_		Base	1.80		189.25	100.00	100.00	0	0
	42			 	243.21	67.10	99.45	101.64	.032	.022
30		(Fwd)	Silo	 						
31			<u> Nero</u>		 	(1, 5)	330.05	135 55		
32			Base	3.10		64.06	112.35	115.53	0	
33 34	 	F	Silo	4.21 7.56	ļ	66.61 66.87	100.32	100.55	.001	.001
	\vdash	Jettisoned Portion	_Aero_	5.40		67.09	100.10	100.17	.001	0
35. 36	 	TOTAL L	Base Jett	198.47		68.78	98.54	101.12	.028	.018
	42	Interstace 1-2		774.71	129.27	96.90	100.81	99.82	.024	.014
38	1	(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39			Aero	3.41		97.71	101.98		.001	0
40	48	let Stage Engine			61.22	226.78	109.96	116.85	.004	.115
41			Silo	2.89		190.41	111.84		0	.004
42			Aero	1.04		136.60		129.70	0	.001
43			Base	4.80		309.40		100.00	0	0
44	49	Skirt			281.99	68.60	100.93		•064	.039
45	 	ļ	5110	17.57		68.02	100.35	100.60	.004	.002
46	 		_Aero_	3.33 40.60		67.80		101.12	.001	0
42	-		Base	1740.60	<u> </u>	69.10	101.70	102.76	.009	.006
48	-	MISSILE	 	1-00-00-	949.49		ļ			
49	├		_Silo_	32.20	ļ					
50	├-		_Aero_	21.25						
<u>됐</u>	├		Bose_	58.71						
52		No. 24 April 20	Jett	285.14	sile Stat	4 24		L		<u> </u>
	- 1	Boeing Section St	EREIANG .	cies Misi	erie Stat	:100 D100	THE PARTY			

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

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3.	33	WEIGHT AND BAIA				REPOR	T 110.			
L		MAJOR COMPONENT	<u>ย </u>	00264		DATE		Name and the State of the State	ζ Ε.Ν.Ο ΟΙ Ε.Κ.Ο. · ·	
LINE	SEC.	1	DATA	EXPENDED WEIGHT	WEIGHT	CENTE	R OF GRA		SLUG F	RTIA T2x10-3
-	ļ	 	<u> </u>	(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	HOTIG
H	41	RV Spacer	<u> </u>	 		<u> </u>		ļ		ļl
-2	├		Silo	 	<u> </u>					
٢	1.0	CTL T. C. add an	Aero	 		<u> </u>		 	ļ	
5	צנן	CTLI Section	Silo	ļ				 	 	·
16	-	{	Aero	 			-	 		
	42	G&C Section	ACLU	 	1.02	80.94	100.00	100.00	0	0
8	1		Silo							1 1
9	<u> </u>		Aero							
10	44	3rd Stage Engine			17.70	98.99	106.35	111.24	0	.003
11			Silo	.43		94.95	110.30	117.70		0
12			Aero	.80		94.95	110.30	117.70	0	δ
13	1. =	ļ.,	Ваяе	.20	330 10	131.00	100.00	100.00	0	0,
	92	Interstage 2-3 (Fwd)	6434	 	119.40	59.84	100.21	101.57	.010	006_
15 16		(1 Wa)	Silo	 						
12	-		Aero Base	2.81		<i>5</i> 7⋅33	107.51	108.65	0	-
18			Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3,40		61.59	100.27	100.47		Ö
20		Portion	Base							
21			- Jett	86.79		61.77	99.05	100.78	.co8	.005
22.	45	Interstage 2-3			62. 98	80.59	99.30	101.42	.006	.003
23.		(Aft)	Silo	1.18		80.97	100.50	100.84	0	0
24			Aero	1.18		62.00	103.07	105.23	0	0
25.	46	2nd Stage Engine			32.62	146.22	106.03	110.51	.001	.018
26 <u>.</u>	-		Silo	.63		99.62	112.30	121.20	0	0
27 28	Н		Acro	.53 1.80		99.62	112.30	121.20	0	0
	47	Interstage 1-2	Base	1.00	243.72	189.25 67.09	100.00 99.47	100.00	0	0
30	.7.	(Fwd)	Silo		E+3.15	01.09	72.41	101.02	.032	.022
31		10.507	Aero							
32			Base	3.10		64.06	112.35	115.53	_ 0	0
33			- Silo	4.21		66.61	100.32	100.55	-001	0
34		Jettisoned_	Aero	7.56		66.87	100.10	100.17	.001	.001
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36	42	YAA	- Jett	198.98		68.73	98.57	101.10	.028	.018
32 38	47	Interstage 1-2	643 -	2 27	129.56	96.90	100.81	99.82	.024	.014
39		(Aft)	Silo Aero	3.37 3.41		96.69	100.34	100.59	.001	-
40	48	let Stage Engine	ACTO		61.25	97.71 226.83	101.96	103.41 116.84	.001 .004	-0
41			Silo	2.89		190.41	111.84	120.45	0	.004
41 42			Aero	1.04		136.60	117.20	129.70	0	.001
43			Base	4.80		309.40	100.00	100.00	0	-:001
44	49	Skirt			280.44	68.57	100.70	101.15	.064	.039
45			Silo	17.57		_68.02	100.35	100.60	.004	.002
46			_Acro_	3.33		_67.80	100.64	101.12	.001	0
热	لــــا	MICCILE	Base	40.60	010 (6	69.10	101.70	102.76	.009	.006
45 45 45 45 45 45 45 45 45 45 45 45 45 4		MISSILE	643 -	30 00	948.69					
끬			_\$110_	32.20						
5		· · · · · · · · · · · · · · · · · · ·	Aero Base	21.25 58.71						
51 52			page Jett	285.77				∤		
	P	oeing Section St		See Miss	12e Stot	Ion Ding	mm)	t	J	

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(

. 31	,)	MISSILE NO. 774 VEIGHT AND BALAN		RY		REPORT	NO			
	3	AJOR COMPONENTS	S/N OO	00270		DATE				
7	7	MOON CARONENIE	<u> </u>	EXPENDED	TOTAL	CENTER	OF GRAV	ITY	INER SLUG FT	
		DESCRIPTION	DATA	WEIGHT	WEIGHT			VERT.	ROLL	PITCH
L	2			(LB)	(LB)	LONG.*	LAT.	AFKI.	YODD	
T!	1	RV Spacar								
2	\Box		8110_							
<u>3</u> [\Box		Aero							
II.	29	CTLI Section								
5			8110		 					
6	_	-	_Aero_		1,02	80.94	100.00	100.00	0	0
	124	G&C Section		 	1.05		200.00			
<u>8 </u>			8110_	 	 					
2			Volo-	 	17.62	98.83	106.30	111.28	0	.003
	**	3rd Stage Fagine	Silo	.43		94.95	110.30	117.70	0	00
1			Aero	.80		94.95	110.30	117.70	0	Q
2	\dashv		Base	.20	 	131.00	100.00	100.00	0	0
4	١٤	Interstage 2-3		1	119.46	59.79	100.20	101.47	.010	.006
<u>.</u>	12	(Fwd)	Silo							
6		\\$\\$\\$	Aero							
ž			Base	2.81		57.33	107.51	108.65	- Š	<u> </u>
8			- 8110	1.92		61.11	101.01	101.74	0	0
9		Jettimoned	Aero	3.40	1	61.59	100.27	100.47		<u>V</u>
Q		Portion	Base		<u> </u>			100 65	.008	.005
1			- Jett	86.85		61.70	99,05	100.65	.006	.003
2	45	Interntage 2-3	4		63.02	80.59	99.30	100.84	0	0
3		(Aft)	8110	1.18		82.00	100.50	105.23	l ö	Ö
4		<u> </u>	_Aero_	1.18	32.83	146.51	105.90	110.40	.001	.018
	46	2nd Stage Engin		.63	32.03	99.62	112.30	121.20	1 0	0
26.	-		1 8170	153	 	99.62	112.30	121.20	Ŏ,	Ō
27	 		Aoro	1.80	- 	189.25	100.00	•	Ó	0
28	-	7-4	Base	1.00	243.31	67.30	99.52	101.47	.032	.022
_	147	Interstage 1-2	8110	 	97.31.43 <u>-</u>	VI	1 22.23			
<u>50</u>	├	(Fyd)	Aero	 	- 	<u> </u>	1			
2 <u>1.</u> 32	╁	 	Base	3.10	1	64.06	112.35	115.53	0	0
<u> </u>	-		8110	4.21		66.61	100.32	100.55	.001	<u> </u>
4	1	Jettienned	Aero	7.56		66.87	100.10	100.17	.001	1
35.	Т	Portion	Bane	5.40		67.09		100,76		0
36			4- Jett	198.57		68.99	98.64	100.91	.028	.018
37	47		Ц	4	129.32		100.81	99.82	.024	
<u> 38</u>	1_	(ASt)	8110	3.37		96.69		100.59	.001	1 8
39	١,	3 3 3 4 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Aero	3.41	61.05					.115
	_	let Stage Engl	8110	2.89		190.41				.001
41 42	+	-	Vero	1.0		136.60				.001
42 43	+	 	Base	4.80		309.40				0
77	L	9 Skirt		 - 7:\\	279.89	68.37	100.83			.039
45 45	+	X X X X	8110	17.57		68.02	100.35	100.60		.002
46	+	1	Aero	3.33		67.80	100.6	101.12	.001	0
47			Bage			69,10		102.76	.009	.006
48		MISSILE			947.59	U			<u> </u>	
49			8110						4	
50			Aero	21.29		4	4			
51			Page	58.71		 				
52	П		Jott	285.42	! !					ــــــــــــــــــــــــــــــــــــــ

* Boeing Section Stations (See Missile Station Diagram)
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3.3	35	MISSILE NO. 775			Ì	REPORT	r No.	•		
		WEIGHT AND BAIAN								
L.,		MAJOR COMPONIERS	<u>s/n oc</u>			DATE	tr 1		TATUS	RTIA -
S	gi	BUGGUYPUYON	13 A M A	EXPENDED	TOTAL	CENTER	R OF GRA	YTIV		12x10-3
LINE	SS	DESCRIPTION	DATA	WEIGHT (LB)	WEIGHT (LB)	LONG	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								
2	7.4	N. Divicial	Silo							
3			Acro							
	39	CTLI Section								
	22	737777	Silo							
. <u>5</u>			Acro							
2	42	G&C Section			1.02	$\mathbb{L}^{\{0\},\mathcal{H}_{\mathbb{L}}}$	[10.00]	100.00	00	
8			_Silo_							
9			Aero				; ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	44	3rd Stage Engine			17.55	93.76			0	- 203
11			_Silo_	43_	,		110.30	117.70	0	0
12.			Aero	.80			.4. 2.32.	117.70	0	0
13	اج-	<u></u>	Base	.20	330 50		101.01	100.00	0	0
	45	Interstage 2-3	- C43 -		119. 50	59,75	100.19	101.65	.010	-000
15		(Fwd)	5110							
16 17			Aero Base	2.81		57.33	107.51	108.65	0	0
18	-		- Silo	1.92		اررندار 61.11	101.01	101.74	0	0
19		Jettisoned /	Aero	3.10		(1.50	100.27	100.47	<u>ö</u>	0
20		Portion	Base			angan Bir Tali di di di a				
21			- Jett	86.97		61.0	9).02	100.88	.008	.005
22	45	Interstage 2-3		00.21	63.10	25.59	97.30	101.42	.006	.003
23	-	(Aft)	Silo	1.18		80.97	122,50	100.84	0	0
24			Aero	1.18		_ £2.5°	1)3.07	105.23	0	0
25.	46	2nd Stage Engine			32.90	140.61	105.98	110.42	.001	.018
26.			Silo	63_		59.62	.112.30		Q	0
27 28			Acro	.53		29.62	112.30		0	0
28			Base	1.80			100.00	100.00	0	
	42	Interstage 1-2			243.59	67. 25	99.53	101.47	.032	.022
30		(Fwd)	S110_							
31			<u> Aero</u>							
32			Base	3.10		<u>64.66</u>		115.53	<u> </u>	
33 34			- Silo	4.21 7.56		66.61 66.87	100.32	100.55	.001	0
25	\vdash	Jett!soned	Aero	5.40		67.09		100.17 100.76	001	-001
35 36		Portion	_Base_ - Jett	198.85		68.97	93.63	100.10	.001 .028	0 .018
	42	Interstage 1-2		#144.A	129.49	96.90	100.61	99.82	.024	.014
38	"	(Aft)	Silo	3.37		36.69	100.34	100.59	.001	0
39			Aero	3.41		97.73		103.41	.001	ō
40	48	let Stage Engine			61.24	2 25.81			.004	.115
41			Silo	2.89		190.41	111.84	120.45	0	.004
42			Aero	1.04		136.60	117.20	129.70	0	.001
43			Base	4.80		309.40		100.00	0	0
44	49	Skirt			280.89	<u>68.32</u>		101.11	•064	.039
45 46			Silo	17.57		68.02	100.35	100.60	.004	.002
46			_VCLO_	3.33		_67.62		101.12	.001	02-
47 48 49		WYCOYYE	_Base_	40.60	949.39	69.10	101.70	102.76	.009	.006
10	-	MISSILE	643	20 00	949.39					
뙲	-		Silo	32.20						
50 51	-		_Aero_	21.25 58.71						
52 52	-		_Base	285.82						
	<u></u>	loeing Section St	Jett		41a Ctat	100 Din		لـــــــــــــــــــــــــــــــــــــ		

* Boeing Section Stations (See Missile Station Diagram)
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3.	36	MISSILE NO. 777	MOUS CILIS	(A 100	***********	REPOI	T NO.			
l		WEIGHT AND DATA MAJOR CONTONEUR				DATE				
1200	Signal Signal	7	DATA	EXPENDED	TOTAL WEIGHT		R OF GRA	VITY	INE SLUG F	RTIA T2x10-3
13	100	21.501.7.1	27.27	(IB)	(LB)	YONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								
12	L		Silo			[
13			Aero							
4	39	CTLI Section		<u> </u>						
. <u>5</u>	 	ļ	Silo	<u> </u>				ļ	ļ	ļ
15	 _	200	Acro	 		00.01	100.00	100.00	- -	
- <u>7</u> 8	146	G&C Section		 	1.02	80.94	100.00	100.00	0	<u>0</u> ∤
100	 	l	S110	· 		 	ļ		 	···
10	LL	3rd Stage Engine	Aero	 	17.61	98.81	106.38	111.30	0	003.
lii	137	Jan Drako Hakang	Silo	.43		94.95	110.30		0	0
12	i	İ	Aero	.80		94.95	110.30	117.70	0	0
13			Base	.20		131.00	100.00	100.00	0	ň
14	45	Interstage 2-3			120.21	59.83	100.18	101.49	.010	.006
15	ļ	(Fwd)	Silo				 			
16			Aero							
17	 		Base	2.81		57.33	107.51	108.65	0	0
18		 	Silo	1.92		61.11	101.01	101.74	0	0
19		Jettisoned	Aero	3.40		61.59	100.27	100.47		0
20_ 21	├─	Portion	Base Jett	87.60		61.75	99.03	100.68	.co8	
	45	Interstage 2-3	1380	01.00	63.52	80.59	99.30	101.42	.006	.005
23	32	(Aft)	Silo	1.18	- 45.72	80.97	100.50	100.84	0	003_
24		1,1,2,1,	Aero	1.18		82.00	103.07	105.23	0	
25.	46	2nd Stage Engine			32.95	146.68	105.97	110.40	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27	<u> </u>		_Acro_	.53		99.62	112.30	121.20	0	0
28	<u> </u>		Base	1.80		189.25	100.00	100.00	0	0
29	42.	Interstage 1-2			243.87	67.40	99.48	101.50	.032	.022
30		(Fwd)	Silo							
31 32			Aero			() (
33			Base - Silo	3.10 4.21		64.06	112.35	115.53	0	
34		Jettisoned_	Aero	7.56		66.61 66.87	100.32	100.55	001	0
35		Portion	Base	5.40	·	67.09	100.27	100.17	.001	-001
36		L L	- Jett	199.13		69.11	98.59	100.96	.028	.018
32	42				129.66	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39 100	1.0	lot Stage Engine	_Acro_	3.41		97.71	101.98	103.41	.001	0
꿁	<u> </u>	Lot Stage Engine	Silo	2 90	61.53	227.24	109.91	116.76	-004	.115
41 42			Aero	2.89 1.04		190.41	111.84	120.45	0	.004
1			Base	4.80		136.60 309.40	117.20	129.70	<u> </u>	.001
44	49	Skirt	**G0A	7.00	280,24	68.59	100.00 100.83	100.00	.064	- 030
45			Silo	17.57	£~, £4	68.02	100.35	101.09	.004	.039
46			Acro	3, 33		67.80	100.64	101.12	.001	-002
42]		Base	40.60		69.10	101.70	102.76	.009	.006
48		MISSILE			950.61					
49			_5110	32.20						
201			Aero	21.25				T		
쑀		Skirt	_Base_	58.71						
ر عد	_	and an Original Co		286.73			لــــبــــــــــــــــــــــــــــــــ			
1	7 B	oeing Section St	ations (See Miss:	lle Stat:	ion Diagr	com)			

* Boeing Section Stations (See Missile Station Diagram)
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3.		MISSILE NO. 778 WEIGHT AHD BALA		WIX	,	REPOR	r 110.			•
		MAJOR COMPONENTS				DATE				
LINE	SEC.	DESCRIPTION	DATA	EXPENDED	TOTAL WEIGHT	CEN'S	R OF GRA	VITY		RTIA T2x10-3
3	S	DESCRIPTION	איייי	(LB)	(LB)	LONG.4	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer								Ι
2			Silo							
3			Aero							
4		CTLI Section								
5	_		8110	ļ						
			Aero	 		82:34	100.00	100.00	0	0
-7	42	G&C Section	043-	 	1.02	094	100.00	100.00	<u>v</u>	† <u>⊻</u>
8			<u>8110</u>	 					L	† <i></i> -
10	LL	3rd Stage Engine	Aero	 	17.49	98.58	106.42	111.37	0	,003
11	3.7	J. G. D. G. G. G. G. G. G. G. G. G. G. G. G. G.	Silo	.43	1:12	94.95		117.70	0	0
12		·	Aero	.80		94.95	110.30	117.70	0	0_
13			Base	,20		131.00	100.00	100.00	0	0
14	45	Interstage 2-3			119.40	59.62	100.17	101.61	.010	.006
15		(Fvd)	<u> 5110</u>							
16			Aero				305 55	100 75	 _	 _
17_	_		Base	2.81		57.33	107.51	108.65	<u> </u>	<u> </u>
18	\vdash		- Silo	1.92 3.40		61.11	101.01	101.74	0	0
<u> 20</u>	\vdash	Jettisoped Portion	Aero	3.40		01.39	100.21	100,41		 -
2Y. 21	Н	POPULON	Base Jett	86.79		61.46	99.00	100.83	.008	.005
	45	Interstage 2-3	0000	0.19	62.98	80.59	99.30	101.42	.006	.003
23		(Ast)	Silo	1.18		80.97	100.50	100.84	0	0
24			Aero	1.18		€2.00	103.07	105.23	0	0
	46	2nd Stage Engine			32.98	146.72	105.97	111.40	.001	.018
26.	\vdash		Silo	.63		99,62	112.30	121.20	0	0
27	_		Aero	.53		99.62	112.30	121.20	0	0
28	-		Base	1.80	0.0	189.25	100.00	100.00	00	0_
	1 <u>47.</u>	Interstage 1-2	643.		242.77	67.30	99.52	101.63	.032	.022
30 31		(Fvd)	8110 Aero						 	
32	-		Base	3.10		64.06	112.35	115.53	0	0
33		r	Silo	4.21		66.61	100.32	100.55	.001	0
34		Jettisoned	Aero	7.56		66.87	100.10	100.17	.001	.001
35.		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36.	ــِـا		- Jett	198.03		69.00	98.62	101.11	.028	.018
37	147	Interstage 1-2	-	 	129.01	96,90	100.81	99.82	.024	.014
<u>38</u> 39		(Aft)	8110	3.37 3.41		96.69 97.71	100.34 101.98	100.59 103.41	.001	0
40	48	let Stage Engine	Aero	7.71	61.33	226.95	101.98	116.82	.001	.115
41			8110	2.89	21.33	190.41	111.84	120.45	0	.004
42			Aere	1.04		136.60	117.20	129.70	0	.001
43			Page	4.80		309.40	100.00	100.00	ö	0
		Skirt			280.69	68.60	100.95	101.17	.064	.039
45	 		8110	17.57		68.02	100.35	100.60	.004	.002
46.	Н		_Aero_	3.33		_67.80	100.64	101.12	.001	0
47		MICCIE	Base	40.60	01-1-	69.10	101.70	102.76	.009	.006
48	-	MISSILE	043-	22 20	947.67					
49 50	-		_811o_	32.20						
2 <u>7</u> 51	 		_Aere_ _Bose_	21.25 58.71						
52 52	-		Jett	281.82						
		oeing Section St		,,,,,	43 - 64 - 4					

* Boeing Section Stations (See Missile Station Diagram)
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Energy Col.

Col.*

*Col.***

Col.

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3.	38	MISSILE NO. 779 WEIGHT AND BAIAN MAJOR CX: PONENTS				REPOR	r 110			
LDR	SEC.	DESCRIPTION	DATA	XPENDED VĢIGHT	TOTAL WEIGHT		R OF GRA	VITY		TZx10-3
3	83			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
I	43	RV Spacer								 _
2			5110							 -
<u>ب</u>			_Aero_	ļ						ļ
1.2	39	CTLI Section								
<u>5</u>			8110	 						
2	43	G&C Section	_Aero_	 	1.02	80.94	100.00	100.00	0	0
18	36	000 Sec 5100	8110	 	4.02	<u> </u>	200100	200.00		
وا			Aero							
10	44	3rd Stage Engine			17.65	98.89	106.36	111.26	0	.003
11	-	J.J. J. HALL PALLS	Silo	.43	سائد خالت	94.95	110.30	117.70	0	0
iz			Aero	.80		94.95	110.30	117.70	0	Q
13			Base	.20		131.00	100.00	100.00	0	0
	45	Interstage 2-3			119.91	59.89	100.16	101.54	.010	006_
15	ļ	(Fwd)	8110							
16	 		Aero	0.05			100 51	100 75		
17	_		Pese	2.81		57.33	107.51	108.65	<u> </u>	0
18			- 81lo	1.92		61.11	101.01	101.74	0	0
जि	-	Deconition	_Aero_	3.40		01.59	100.21	100.47	<u> </u>	<u> </u>
20 21	├-	Portion	Base Jett	87.30		61.83	99.00	100.74	.008	.005
	45	Interstage 2-3	DACE	01.30	63.32	80.59	99.30	101.42	.006	.003
23	1	(Aft)	Silo	1.18	<u> </u>	80.97	100.50	100.84	0	0
24			Aero	1.18		62.00	103.07	105.23	ŏ	ŏ
	46	2nd Stage Engine			32,92	146.64	105.98	110.41	.001	.018
26			Silo	.63		99,62	112.30	121.20	0	0
22	L		Aero	.53		99.62	112.30	121.20	0	0
28			Bass	1.80		189.25	100.00	100.00	0	0
	42	Interstage 1-2			242.30	67.26	99.47	101.54	032	.022
30		(Fvd)	8110_	ļ						
37	├		_Aero_			<u> </u>				
32			Bese	3.10		64.06	112.35	115.53	0	
33 34	-	Jettisoned	- Silo Aero	4.21 7.56		66.61 66.87	100.32	100.55	.001	0 •001
35	 	Portion	Base	5.40		67.09	100.10	100.76	.001	001
36			- Jott	197.56		68.96	98.57	101.00	.028	.018
32	42	Interstage 1-2			128.73	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39	_		Aero	3.41		97.71	101.98	103.41	.001	0
10	148	lot Stage Engine			61.39	227.04	109.94	116.81	.004	.115
41	 		8170	2.59		190.41	111.84	120.45	0	.004
12	-					136.60	117.20	129.70	0	.001
43	40	Skirt	M	1.80	080 01:	309.40	100.00	100.00	0	0
55	77	SWYLP	8110	17.57	282.34	68.62 68.02	100.98	101.15	.064	.039
弘	1		Aere	3.33		67.80	100.35	100.60	.004 .001	.002
42			Basa	40.60		69.10	101.70	102.76	.009	.006
48		MISSILE			949.58				/	
49			8410	32,20						
50			Ange	21.25						
9 9 51 52			Jee	58.71						
52			Jett	284.86				1		
		being Section St		See Miss	11a Stat	ion Ding	mm)			

tion Stations (See Missile Station Diagram) SEC. t

3.	39	WEIGHT AND BALA	LICE SUIT	WIX.		REPC	it no.			
<u> </u>		MAJOR COMPONENT		0000281		DAT				
LINE	SEC.	7	DATA	EXPENDED	MEIGHT		er of gr		SIJUG F	RTIA T2x10-3
1	-	ļ	<u> </u>	(LB)	(LB)	LONG .	LAT.	VERT.	ROLL	Pirch
1		RV Spacer			ļ	<u> </u>	<u> </u>	<u> </u>	 	J
_2			\$110	.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3		COT T C	Aero	 	<u> </u>	<u> </u>	1		<u> </u>	
4	123	CTLI Section	-	 	ļ	ļ	 	·		- -
. <u>5</u>	-		8110	 	 	 	 		<u> </u>	
		G&C Section	Aero_		1.02	80.94	100.00	100.00	0	0
8	-		Silo	 	1.02	1-02.27	100.00	100.00	- -	 ⊻
9	-	<u> </u>	Aero	 	 	 	 	 	 	
	44	3rd Stage Engine		 	17,62	98.83	106.37	111.28	_0	.003
11			Silo	.43		94.95	110.30		0	0
12			Aero	.80		94.95	110.30	~ · · · · · · · · · · · · · · · · · · ·	ō	Ö
13			Base	.20		131.00	100.00	100.00	0	0
	45	Interstage 2-3			119.34	59.71	100.17	101.60	.010	.006
15		(Fvd)	8110							
<u> 16 </u>			Aero							
12	_		Base	2.81		57.33	107.51	108.65	0	0
18			Silo	1.92		61.11	101.01	101.74	0	0
꼀		Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20 21		Portion	Base	06						
22	45	Interstage 2-3	- Jott	86.73	(a a)	61.60	99.00	100.81	·co8	•005
5.5. 23.1	-4	(Aft)	811 0	1.18	62.94	80.59	99.30	101.42	-006	.003
23 24	-		Aero	1.18		80.97	100.50		<u> </u>	<u> </u>
25	46	2nd Stage Engine	NEIO_	1.10	32.68	£2.00 146.30	103.07	105.23	0	0
26		MINE TO SEE STREET	Silo	.63	32.00	99.62	112.30	110.49 121.20	.001	.018
27 28			Acro	.53		99.62	112.30	121.20	0	0
			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interstage 1-2			243.46	67.27	99.45	101.72	.032	.022
30 I		(Fvd)	811o							- VEE
31			Aero							
32	_		Base	3.10		64.06	112.35	115.53	0	0
27			- Silo	1.21		66.61	100.32	100.55	.001	0
34 35	-	Jettisoned Portion		7.56		66.87	100.10	100.17	001	.001
36		POTETON	Base Jett	5.40 198.72	~	67.09	100.27	100.76	.001	0
	47	Interstage 1-2	OBLE	120.15	129.42	68.96	98.54	101.23	.028	.018
8		(Aft)	Silo	3.37	753.45	96.90 96.69	100.81	99.82	.024	.014
39			Aero	3.41		97.71		100.59	.001	0
0	48	let Stage Pagine			61.51	227.22	109.92	116.77	.001	.115
\mathbf{u}	_		Sile	2.89		190.41	111.8	120.45	0	.004
12	_		Aero	1.04		136.60	117.20	129.70	- 6	.001
13	_		200	4.80		309.40	100.00	100.00	0	
	49	Skirt			280.29	68.45	100.87	101.03	.064	.039
5			8110	17.57		68.02	100.35	100.60	.004	.002
6			_Aoro_	3.33		_67.80	100.64	101.12	.001	
8	با	MTCGTI P	Base	40.60	010.00	69.10	101.70	102.76	•009	.006
9		MISSILE		20 00	948.28					
o t			_\$11e_	32.20						
ĭ			_Aere_	21.25 58.71						
2			_Bage_ Jett	285.45						
_		eing Section St	V 11 1 1	5V 25 77				ŀ		1

3.		Missile no. 781 Weight and Baian	ICE EUITA	A RY		REPOR'	r 110.			
		MAJOR CONTOHERT	S/N O	000286		DATE			TNI:	RTIA
LINE	SEC.	DESCRIPTION	DATA	expended Veight	WEIGHT	Cente	R OF GF.A		SLUG F	[-01x ² 1
<u>.i</u>	_			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
_1	2)	RV Spacer		 						
_2	-		<u>\$110</u>	 						
3	70	CTLI Section								
	22	City Section	Silo	 						
5	Н		Aero							
2	42	G&C Section			1.02	80.94	100.00	100.00	0	0_
8			Silo							
9			Aero							
10	44	3rd Stage Engine			17.59	98.77	106.39	111.31	0	.003
11			Silo	.43		94.95	110.30	117.70		0_
12			Aero	.80		94.95	110.30	117.70	0	<u>Q</u> _
13			Base	.20		131:00	100.00	100.00	0	0
14	45	Interstage 2-3			120.00	_59.77	100.16	101.55	.010	.006
15		(Fwd)	Silo	<u> </u>						
16	├-	<u> </u>	Aero	2.81		<i>5</i> 7.33	107.51	108.65	0 -	0
17 18	 -		Base Silo	1.92		61.11	101.01	101.74	0	0
<u>19</u>	├	Total aggreed	Aero	3.40		61.59	100.27	100.47	0	0
20	┢	Jettisoned Portion	Base	30.00		<u> </u>	200.01	20011		· · · · · · · · · · · · · · · · · · ·
21	 	1- ******	- Jett	87.39		61.67	99.00	100.75	.008	.005
22	45	Interstage 2-3	-	01.02	63.38	80.59	99.30	101.42	.006	.003
23	1	(ACt)	Silo	1.18		80.97	100.50	100.84	0	0
24			Aero	1.18		€2.00	103.07	105.23	0	0
25	46	2nd Stage Engine			33.10	146.89	105.94	110.36	.001	.018
25 26	<u> </u>		Silo	.63		99.62	112.30	121.20	0	0
27 28	┖		Aero	.53		99.62	112.30	121.20	0	0
<u> 28</u>	<u> </u>		Base	1.80		189.25	100.00	100.00	0	0
	12	Interstage 1-2		 	243.43	67.31	99.65	101.72	.032	.022
<u>30</u>	-	(Fwd)	8110							
31			Aero	- 10		64.06	112.35	115.53		
32 33	╂		Base Silo	3.10 4.21		66.61	100.32	100.55	.001	0
<u>分</u>	 	Jettieoned	Aero	7.56	h	66.87	100.10	100.17	.001	.001
35	Г	Portion	Base	5.40		67.09	100.27	100.76	.001	0
35. 36			- Jett	198.69		69.01	98.79	101.22	.028	.018
37	42	Interstage 1-2			129.40	96.90	100.81	99.82	.024	.014
<u> 38</u>	1	(Aft)	Silo	3.37		96.69	100.34		.001	0
39	١.,		_Aero_	3.41		97.71	101.98		.001	0
40	120	let Stage Fagine		0 00	61.47	227.16	109.93	116.78	.004	.115
41	╁	}	8110	2.89		190.41	111.84	120.45	0	.004
42	┢		Aero	1.04 4.80		136.60 309.40	117.20	129.70	0	.001
끖	10	Skirt	Bese	4.00	280.39	68.54	100.00	100.00	.064	0
45	12		5110	17.57	201.39	68.02	100.35	101.17 100.60	.004	.039 .002
46	1	<u> </u>	Aero	3, 33		67.80	100.64	101.12	.001	0
47			Base	40.60		69.10	101.70	102.76	.009	.006
48	$oldsymbol{\Gamma}$	MISSILE			949.78					
48 49	Γ		8110	32.20						
50	L		Agre	21.25						
50 51 52	匚		Page	58.71						
52			Jett	286.08						
	# 1	Boeing Section St	tations		ile Stat	ion Diag	rom)			

* Bosing Section Stations (See Missile Station Diagram)
2-5550-0-58

SEC. MGE 50

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3.	41	MISSILE NO. 782 WEIGHT AND BAIA MAJOR CENTONISM	NCE SUIT			REPOR	T NO.			
TOUT	SEC.		DATA	EXPENDED WEIGHT	TOTAL	CENTE	R O' GRA	VITY		RTIA T2x10-3
13	L			(LB)	(LB)	LONG.*	L.T.	VERT.	ROLL	PITCH
L	53	RV Spacer								
2	ļ		\$110		<u> </u>		L	L		ļ
1.3	-	COTT C	Voto_		 		<u> </u>		<u> </u>	
끝	124	CTLI Section	Silo	 	 	 -	 	 	 	
. <u>5</u>	 		Aero		}	ì	 	 		 -
		G&C Section			1.02	80.94	100.00	100.00	0	0
8			Silo							
9			Aero							<u> </u>
10	44	3rd Stage Fagine		ļ	17.58	98.76		111.31		003
11	-		Silo	.43	 	94.95	110.30	117.70	0	0
12			Aero	.80	}	94.95	110.30		<u> </u>	 8−
14	44	Interstage 2-3	Base	.20	119.82	131.00 59.59	100.00	100.00	.010	.006
15	14	(Fwd)	Silo	 	247.02	13.13	200.14	2020,00		1200
16			Aero							
17			Base	2.81		57.33	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	0
19	<u> </u>	Jettiaoned	Aero	3.40		61.59	100.27	100.47	0	0
20_		Portion	Base							
21	l.e	T-11 3 7	- Jott	87.21	(2	61.41	98,97	100.77	.008	.005
22. 23.	*2	Interstage 2-3	Silo	1.18	63.26	80.59 80.97	99.30	101.42	.006	-003
24			Aero	1.18		62.00	100.50 103.07	100.84 105.23	0	0
	46	2nd Stage Engine		2.20	32.85	146.54	105.99	110.44	.001	.018
25. 26			Silo	.63		99.62	112.30	121.20	0	0
27			Aero	.53		99.62	112.30	121.20	0	Ō
28			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interatage 1-2			242.20	67.21	99.61	101.54	.032	.022
<u>30</u>	-	(Fvd)	8110	 						
31 32	-		_Aero_	H 3 10		Ch 06	330.05			
33 33			- Silo	3.10 4.21		64.06 66.61	112.35 100.32	115.53 100.55	0	<u> </u>
34		Jettiegned	Aero	7.56		66.87	100.10	100.33	.001	.001
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36.	اجا		- Jett	197.46		68.90	98,73	101.00	.028	.018
32	42	Interntage 1-2			128.68	96.90	100.81	99.82	.024	.014
<u>38</u> 39		(ASt)	8110	3.37 3.41		96.69	100.34	100.59	.001	0
4	48	lat Stage Pagine	Acro	7.54	61.16	97.71 226.69	101.98 10 9.98		.001	0
41			. Sile	2.89	W.10	190.41	111.84	116.87	.004	.115
42			Aere	1.04		136.60		129.70	0	.004 .001
43			Bage	4.80		309.40	100.00	100.00	0	0
44	49	Skirt			261.04	68.50	100.94	101.05	.064	.039
45 46			8110	17.57		68.02	100.35	100.60	.004	.002
40	\dashv		_Aero_	3.33		67.80	100.64	101.12	.001	0
2	لسا	Missile	Base	40.60	oles Ca	69.10	101.70	102.76	.009	.006
42 48 49 50		JIANYAMI	Silo	32.20	947.61					
50			Aero	21.25						
51			Page	58.71						
52			Jett	284.67				 		
) B	oeing Section St	ations (See Mes	13a Stat	ion Man				

Stations (See Missile Station Diagram) VOL SEC. MGE 51 BITEINO

3.	42	MISSILE NO. 78			ر داختانی در دخیت دان است. -	REPOR	: 110.	_		
ļ		WEIGHT AND BAIA				DATE				
ы	.:	MAJOR CON POHERT	<u>3_8/N_0</u> X 	EXPENDED	TOTAL		OF GRA	verrene erren. V T TV		ALTS
LEXE	333	DESCRIPTION	DATA	WEIGHT	MEIGHT					T2x10-3
	41	RV Spacer		(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	7.1	RV Spacer	Silo	 	 		, 	 		·
2			Aero) 	 		
4	39	CTLI Section	NOT O							
		Search State of the search of	Silo							
5			Aero							
	42	G&C Section			1.02	80.94	100.00	1.00.00	0	<u> </u>
8			Silo					 		
9	,,,		<u> Aero</u>		36.70	00.05	306 06	333 05		
	44	Jrd Stage Fogine	643.	1.2	17.68	98.95	106.36	111.25		003
11			Silo	.43		94.95 94.95	110.30	117.70 117.70	0	00
12 13			Aero Base	.80		131.00	100.00	100.00	0	0
	45	Interstage 2-3	-006	- · · · · ·	119.28	59.88	100.10	101.59	.010	.006
15		(Fwd)	Silo							
16			Aero							
17			Base	2.81		57.33	107.51	108.65	0	0
18		F	- S110	1.92		61.11	101.01	101.74	0	0
<u> </u>	\vdash	Jettisoned	Aero	3.40		61.59	100.27	100.47	0	0
20	┞╌┤	Portion	Base	86.67	-	61.83	98.90	100.81	.008	.005
21	45	Interstage 2-3	- Jett	00.01	62.90	80.59	99.30	101.42	.006	.003
	174	(Aft)	Silo	1.18	<u> </u>	80.97	100.50	100.84	0	0
23. 24			Aero	1.18		€2.00	103.07	105.23	Ö	8
25.	46	2nd Stage Engine			32.89	146.60	105.98	110.42	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27 28	Ш		Acro	.53		99.62	112.30	121.20	0	0
28	اجا		Paso	1.80		189.25	100.00	100.00	0	0
29	142		01:		242.20	67.17	99.55	101.58	.032	.022
30 31		(Fvd)	Silo							
32 32			Aero Base	3.10		64.06	112.35	115.53		
33		r	- \$11o	4,21		66.61	100.32	100.55	.001	-
34		Jettisoned	Aero	7.56		66.87	100.10	100.17	.001	.001
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0
36.	ايرا		- Jett	197.46		68.84	98.66	101.04	.028	.018
37	42				128.68	96.90	100.81	99.82	.024	.014
38		(Aft)	Silo	3.37 3.41		96.69	100.34	100.59	.001	
39.	48	let Stage Engine	_Aero_	7.41	61,34	97.71 226.96	101.98	103.41	.001	
41		SALA MANAGEMENT	Silo	2.89	<u> </u>	190.41	109.95 111.84	116.82	-004	.115
42			Aero	1.04		136.60	117.20	129.70	- 0	.004
43			Base	4.80		309.40	100.00	100.00	Ö	-001
44	49	Skirt			282.14	68.45	100.82	101.11	.064	.039
45 46			Silo	17.57		68.02	100.35	100.60	.004	.002
46	\vdash		Vero	3.33		67.80	100.64	101.12	.001	0
! ?	╙	Wicall P	Base	40.60	0):0 ==	69.10	101.70	102.76	.009	.006
38985X	 	MISSILE	841-	32.20	948.13					
5	_		Silo	21.25						
57			Aero Bage	58.71						
52				284.13	·					
	# B	oeing Section St			11a Stat	ion Diag			اجرجمي	

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

Control Vol.

| NO D2-13946-6 | NG 52

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3.	43	MISSILE NO. 784 WEIGHT AND DAIA	nce suc	(A IZY		REPOR	T 110.			
		MAJOR COMPONERS				DATE				
LINE	SEC.	DESCRIPTION	DATA	EXPENDED	TOTAL WEIGHT	CENTE	R OF CHA	VITY		RTIA T2x10-3
1	ļ	<u> </u>		(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer		ļ	<u> </u>					ļ
2	 		S110	<u> </u>		<u> </u>			<u> </u>	<u> </u>
13	 		Aero	 		ļ			<u> </u>	
14	39	CTLI Section	 	 	ļ			 -	ļ	ļ
. <u>5</u> .	 	·	Silo	 			ļ	 	 	
2	12	G&C Section	Aero		1.02	80.94	100.00	100.00	0	0
8		ANG BROKENIE	Silo		2.0-	<u> </u>	1 200.00	-	<u>-</u>	† ···· ¥
9			Aero	 						1
10	44	3rd Stage Engine		1	17.68	98.95	106.36	111.25	0	.003
11			Silo	.43		94,95	110.30	117.70	0	0
12			Aero	.80		94.95	110.30	117.70	0	Q
13			Base	.20		131.00	100.00	100.00	0	0
14	45	Interstage 2-3			119.40	59.83	100,29	101.57	.010	.006
15		(Fwd)	Silo							ļ
16			Aero	0.05			305 55			
 - - - - - - - - -			Base	2.81		57.33	107.51	108.65	0	0
18	-	Yadddanad	Silo	1.92		61.11	101.01	101.74	0	0
19 20	-	Jettisoned Portion	Aero Base	3.40		01.39	100.27	100.47	0	0
21		FOLUTOR	- Jett	86.79		61.76	99.17	100.77	.08	.005
	45	Interstage 2-3	0000	20.13	62.98	80.59	99.30	101.42	.006	.003
23	<u> </u>	(Aft)	Silo	1.18	<u> </u>	ευ. 97	100.50	100.84		
24			Aero	1.18		€2.00	103.07	105.23	0	8
25	46	2nd Stage Engine			33.05	146.82	105.95	110.37	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27 28	Ш		Acro	.53		99.62	112.30	121.20	0	Ŏ
28			Base	1.80		189.25	100.00	100.00	0	0
29	42	Interstage 1-2			243.59	67.27	99.57	101.56	.032	.022
30		(Fvd)	Silo							
31 32				 		() -(220 22			
33	-		Base Silo	3.10 4.21		64.06	112.35	115.53	0	0
34	-	Jettisoned	Aero	7.56		66.61 66.87	100.32	100.55	-001	0
35		Portion	Base	5.40		67.09	100.10	100.17	.001	.001
36.		L	- Jett	198.85		68.96	_98.70	101.04	.028	.018
	47	Interntage 1-2			129.49	96.90	100.61	99.82	.024	.014
		(Aft)	Silo	3.37		96.69	100.34	100.59	.001	0
39	<u></u>		Aero	3,41		97,71	101.98	103.41	.001	0
40	40	let Stage Engine			61.29	226.89	109.96	116.83	.004	.115
41 42		**************************************	8110	2.89		190.41	111.84	120.45	0	.004
45			Aero	1.04		136.60	117.20	129.70	0	.001
	40	Skirt	Base	4.80	282 22	309.40	100.00	100.00	0	0
45	**	AUY1 A	Silo	17.57	282.29	68.58 68.02	100.98 100.35	101.24	.064	.039
45 46		· · · · · · · · · · · · · · · · · · ·	Aero	3, 33		67.80		100.60	.004	<u>-∞5</u>
42			Base	40.60		69.10		102.76	.001 .009	.006
48		Missile			950.79					
49			8110	32.20						
49 50 51 52			Yelo	21.25						
51			_Bage_	58.71						
52			Jett	285.64						
		ceing Section St	- 4 4							

Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

MO D2-13946-6

3.4	14	MISSILE NO. 785 WEIGHT AHD BALA	nck sans	1A JOY		REPOR	T 10.	ر در د د د د د د د د د د د د د د د د د		
•		MAJOR COMPONENT				DATE				
LINE	SEC.	DESCRIPTION	DATA	EXPENDED	TOTAL WEIGHT	f	R OF GRA	VITY		ALTS T2x10-3
1	_			(LB)	(LB)	LONG.*	LAT.	VERT.	ROLL	PITCH
1	41	RV Spacer		<u> </u>	<u> </u>]]
2			5110	ļ	ļ		ļ			
1.7	-	CMI 7 Canhian	Aero		 		ļ			 -
=	צכ	CTLI Section	Silo	 			 -	 		
5 6	-		Aero							
	42	G&C Section	- ACLE		1.02	80.94	100.00	100.00	0	0
8			Silo							
9			Aero							
	44	3rd Stage Engine		ļ	17.56	98.71	106.40	111.33	0	
11			Silo	.43		94.95	110.30	117.70	0	0
12			Aero	.80		94.95	110.30	117.70	0	0
13 14	LE	Interstage 2-3	Base	.20	119.25	131.00 59.81	100.00	100.00	.010	.006
迃	34	(Fwd)	Silo	 	713.62		100.51	171.05		• 200
16			Aero							i
16 17			Base	2.81		57.33	107.51	108.65	0	0
18			- Silo	1.92		61.11	101.01	101.74	0	0
19		Jettiached	Aero	3.40		61.59	100.27	100.47	0	0
20		Portion	Base	 						
21	1,5	Tukamaki in 2 T	- Jett	86.64	70.00	61.74	99.06	100.70	.008	.005
22	72	Interstage 2-3 (Aft)	847-	- ,,,	62.88	80.59	99.30	101.42	.006	∞3
23. 24			Silo	1.18 1.18		80.97 82.00	100.50 103.07	100.84 105.23		- 8
	46	2nd Stage Engine		* :-\-	33.05	146.71	105.95	110.37	.001	.018
26.			Silo	.63		99.62	112.30	121.20	0	0.010
27 28			Acro	.53		99.62	112.30	121.20	ŏ	0
			Base	1.80		189.25	100.00	100.00	0	0
	42	Interstage 1-2	 	\vdash	243.21	67.06	99.49	101.41	032	.022
30		(Fvd)	Silo	 						
31 32			Aero	1 3 32		<u> </u>				
罚			Base Silo	3.10 4.21		64.06 66.61	112.35	115.53	0	
33 34		Jettlagned	Aero	7.56		66.87	100.12	100.55	-001 -001	.001
35		Portion	Base	5,40		67.09	100.27	100.76	.001	0
36.		L	-Jett	198.47		68.70	98.59	100.85	.028	.018
37	42	Interntage 1-2			129.27	96.90	100.81	99.82	.024	.014
38		(Ast)	8110	3.37		96.69	100.34	100.59	.001	0
39 49	48	lot Stage Engine	Aero	3.41	62 55	97.71	101.98	103.41		
ŭ	**	VAT ATAKA BUKTUG	8110	2.89	61.55	227.27	109.91 111.84	116.70	.004	.115
42			Aero	1.04			117.20	120.45 129.70	- 0	.004
43			Base	4.80		309.40		100.00	- 6	001
44	49	Skirt			281.44	68.62	100.89	101.22	.064	.039
45	_		5110	17.57		68.02	100.35	100.60	.004	.002
46	}		_Aero_	3.33		_67.8n	100.64	101.12	.001	0
47 48		MICCIE	Base	40.60	010 00	69.10	101.70	102.76	•009	.006
40 49		MISSILE	8430	32,20	949.23					
꿄			_Silo_	21.25			~ -			
50 51			_Aere_	58.71						
52			Jett	285.11						
		oeing Section St								

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

**ROEFFIND VOL NO D2-13946-6

3.	45	Missile No. 786 Weicht and Baian	ICE SUITU	\KY		RE:OKI	ю			
		MAJOR COMPONENTS	s/N 00	00283		DY. E	BK*#		F. N. 19 (19)	
ы	•			EXPENDED	TOTAL	CEITER	OF GRAV	ITY	SLUG F	271A 2710-3
LINE	SES	DESCRIPTION	DATA	WEIGHT (LB)	WEIGHT (LB)	1016.*	LAT.	VERT.	ROLL	PITCH
	41	RV Spacer		(10)	1207	1/// 11-1				
그	2.4	RV Spacer	Silo							
2			Aero							
4	39	CTLI Section								
			Silo							
. <u>5</u>			_Aero_					700 00		
2	42	G&C Section			1.02	80.94	100.00	100.00	0	
8			Silo							
9	,,,		Aero		17.64	98.87	106.37	111.28	0	.003
10	44	3rd Stage Fogine	Silo	.43	11.04	94.95	110.30	117.70	0	0
11			Aero	.80		94.95	110.30	117.70	0	0_
12 13	├─┤		Base	.20		131.00	100.00	100.00	0	Ö
	45	Interstage 2-3		****	119.79	59.79	100.21	101.54	.010	.006
15		(Fwd)	Silo							
16			Aero							
12			Base	2.81		<i>5</i> 7.33	107.51	108.65	0	0
18		F	- Silo	1.92		61.11	101.01	101.74	0	0
19	\vdash	Jett1807ed	<u> Aero</u>	3.40	 	61.59	100.27	100.47	0	0
20	\vdash	Portion	Base	00	 	63.60	00.40	100.74	.008	.005
57	,	7	- Jett	87.18	63.24	61.69 80.59	99.07 99.33	101.42	.006	.003
22 23	17.5	Interstage 2-3 (Aft)	Silo	1.18	U3.54	80.97	100.50	100.84	0	0
24			Aero	1.18		62.00	103.07	105.23	ŏ	Ö
	46	2nd Stage Engine			32.63	146.23	106.03	110.51	.001	.018
26			Silo	.63		99.62	112.30	121.20	0	0
27			Acro	.53		99.62	112.30	121.20	0	0
28			Base	1.80		189.25	100.00	100.00	0	0
	42	Interstage 1-2			243.26	67.23	99.55	101.59	.032	.022
30		(Fvd)	Silo	 						
37			_Aero_	3 10		64.06	110 25	115 52		
32 33	 		Base - Silo	3.10 4.21		66.61	112.35	115.53 100.55	.001	00
强	1-	Jettisoned	Aero	7.56		66.87	100.10	100.17	001	.001
35		Portion	Base	5.40		67.09	100.27	100.76	.001	0
136	<u> </u>	L	- Jett	198.52		68.91	98.67	101.06	.028	.018
	42		L		129.77	96.90	100.81	99.82	.024	.014
138	<u> </u>	(Aft)	Silo	3.37		96.69	100.34		.001	0
39	1.0	3-4 CARGO Brades	Vero_	3.41	6 (1	97.71	101.98		.001	136
42		lot Stage Engine	Silo	2.89	61.66	227.44	109.90 111.84	116.73 120.45	.004	.115
52	\vdash	 	Aero	1.04		136.60	117.20	129.70	- 8	.001
43			Bese	4.80		309.40	100.00	100.00	0	0
		Skirt		1	281.04	68.63	100.84	101.17	.064	.039
45			Silo	17.57		68.02	100.35	100.60	.004	.002
46			Acro	3.33		67.80	100.64	101.12	.001	0
42		L	Bace	40.60		69.10	101.70	102.76	.009	.006
48		Missile			950.05				ļ	
49		,	_8110_	32.20					 	
50	┢		_Aere_	21.25					ļ	
51 52	╂		_Base_	58.71	 					
124	ِ	oeing Section S	Jett	285.70	410 6404	des Mas			L	·

* Boeing Section Stations (See Missile Station Diagram)
2-5550-0-58

ETITE INO VOL | NO D2-13946-6 | SEC | MGE 55

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3.		Weicht and Ealan Mean Weight Comp			•	REPC.	r ko.			
LINE	SEC.	DESCRIPTION	DATA	EXPENSED	WEIGHT		r of gra		ini Slug f	1211 12:10-3
<u> </u>				(LB)	(LB)	IONG.	LAT.	VERT.	ROLL	PITCH
<u>.</u>	4)	RV Spacer		<u> </u>		<u> </u>	ļ			
2	-		Silo	 	 			ļ		
	70	CTLI Section	Aero	 	<u> </u>		<u> </u>			
5	29	OTDI SECTION	Silo	 		 -				
6	_		Aero							
	42	G&C Section			1.02	4.03	100.00	100.00		
8			Silo				ļ			ļ
9			Aero					<u> </u>		!
10	44	3rd Stage Engine		ļ	11.68	81.30	100.95	117.03		
11		<u> </u>	Silo	 			ļ			
12	<u> </u>		Aero	 		<u> </u>	 			
13 14	li,e	Interstage 2-3	Base	 	19,15	50.56	104.69	107 60		
1 <u>4</u> 15	77	(Fud)	Silo	 		77.30	109.09	101.02		
16 16		12 1147	Aero			i		i		
17			Base			 				
18		r	- Silo			1				
19		Jettisoned	Aero							
20		Portion	Base							
21			- Jett	8.29		62.97		104.55		
22	45	Interstage 2-3		ļ	7.43	<u> </u>	98.27	96.65		
23.	ļ	(Aft)	Silo	ļ			ļ			ļ
24			Aero				1 222 61			<u> </u>
	46	2nd Stage Engine	043	 	17.35	105.35	111.34	119.76		
26. 27.	-		Silo Aero	 		 	<u> </u>			
27. 28	 		Base	 		 	ļ			
	42	Interstage 1-2	Dase	 	22.07	64.57	105.21	112.14		
30	17	(Fwd)	Silo			J		****		
<u> </u>			Aero							
32	\Box		Base							
33			- Silo							
34		Jettisone	Aero	ļ						
35.	-	Portion	Base	 		63.62	05.30	333 63	·	
<u> 36</u>	1.5	7-447	- Jett	9.31	6.66	68.96	95.19	111.21 96.46		ļ
<u>37.</u> 38		Interstage 1-2 (Aft)	Silo	 	0.00	95.43	101.34	90.46		-
<u> 39</u>		/ /WIC/	Aero	 -		 				
40	48	1st Stage Engine		1	36.11	162.93	116.90	128.57		
41			8110			الجيسي			· · · · · · · · · · · · · · · · · · ·	†
42			Aero							
43			Base							
44	40	Skirt			7.99	59.41	112.04	118.15		
45 46	<u> </u>		Silo	ļ						
46	├-		_Aero_	 		 	ļ			ļ
17	 		Base	}	202 1/2	 	 			
48	-	MISSILE	0/5	 	131.46	ļ				
49 50	-		8170	 		 	 			
<u> </u>	 		Aero	 		 	 		*****	
51	 		Base	 		 	 			
52	ــــــــــــــــــــــــــــــــــــــ	eing Section Sta	Jett	/	ile Diag		<u> </u>	ليسبب		L

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ATTE				(ISSILE	ATIE	nch Ole Weig				Ŧ		T	Ŧ	\prod	\prod	T	1	1	1	-]	1	-	-	$\frac{1}{1}$	1	+	$\frac{1}{1}$	\prod	+	1	+	-	+	+	+	_
CHECK TMG (DATE)					rile Ined	RICE	27 [1]			1	1	1	İ	1		†		1	1		1	1	1		1	1	1	1	1		1			1	1	1	
15CKT				NEW	eti 2 T	dhen	IHS			4	\downarrow	\downarrow	+	\downarrow	\downarrow	\downarrow	+	1	4	4	-{	4	1		4	4	+	\downarrow	+	4	+	+	$\frac{1}{1}$	+	+	\downarrow	_
080		H	\dashv	COMPONENT		CHED	MEI V2	Н	+	+	t	\dagger	+	+	\dagger	\dagger	+	+	1	+	-	\dashv	+	-	1	+	\dagger	\dagger	\dagger	+	\dagger	1	+	†	\dagger	\dagger	_
percen						CHT	MEI		×	1	1	1	1	1			1	1									1	1								1	
38	ę	Day	Ϊŗ			1	Z ARM		100.00																												
			2000		Ha	eđ	Y ARM		100.00																								·				
		•	9	2	NO. Wing	NO. Noted	X ARM		₩.94																												
	TST T.TST		2000	DKAW LNG	MISSILE NO.	COMPONENT PART	WEIGHT		1.02																												
	TST WEIGHING CHECK LIST			FINAL ASSERBLE UKANTING NO. CL. XVIX		COMPO	PART NO.		25-27596-13																		,				٠						
	TISSIM L'I			MODEL WS-133A	SECTION 42	HISSILE COMPONENT GUIDANCE SECTION	DESCRIPTION		Kit-Guidance Section																												
	Custone a Test MO	- N + CT T	-			HISSILE			Instl. Kit																												
•		4325		DATE	ध्यव	HANK 1	KITI		28		1																										ļ

2-5550-0-21

CHECK LIST NO. 1.2 MISSILE WEIGHING CHECK LIST 100								RE	RECORD	OF C	CHECK ING		(DATE)	(3
HODEL NS-133A FINAL ASSENBLY DRAWING NO. 21501-50-4. Property of the confourest date and the con	公田	CK LIST NO.		ILE VEIGHING CH	IECK LIST			윘		H	\sqcup		Ц	Ц
HISSILE COMPONENT 3rd Stage Engine COMPONENT PART NO. Wing II			•	. !	•		•	Yr	\dagger	+	+	_	_	\perp
HISSILE COMPONENT 3rd Stage Engine COMPONENT PART NO. Moted COMPONENT PART NO. Moted COMPONENT PART NO. Moted COMPONENT PART NO. Moted COMPONENT PART NO. Moted COMPONENT PART NO. MOTE COMPONENT PART NO. MOTE COMPONENT PART NO. MOTE COMPONENT PART NO. MOTE COMPONENT PART NO. MOTE COMPONENT CO	DATE		-1	FINAL ASSEMBI	SY DRAWING	ਲ ਹ	50150-4			COMPONENT	MEN	"	臣	118811.2
HISSILE COMPONENT 3rd Stage Engine	838)		SECTION		MISSILE	1 .	H		-		STIR	CEAI	THIS	
Pertector Assy. 25-36779-1 L>	IUN P	HISSILE	E		NENT PART	NO. Not	2		THO	СЗНО	STO	RECE		NCH
Deflector Assy. 25-3679-1 1> Deflector Instl. 2> 25-25881-1 .10 130.30 100.00 100.00 Support Comp-Elec Cable 25-27523-5 2.31 77.44 109.39 116.22 Instl-Elec Cable Support 25-27524-6 .22 54.05 97.66 107.62 Conduit Support Set 25-36381-1 7.62 80.91 110.36 118.07 Instl-Receive Comp. 25-36381-1 7.62 80.91 110.36 116.00 B:S 5-62 Instl. et Plant 77 .94 99.20 108.24 115.20	3TI	•	DESCRIPTION		WEIGHT			ARM	MEI	MEI	nen The	SY	21	
Deflector Instl. 2> 25-2581-1 10 130.30 100.00 100.00	٩	Ц.,	A	20000	4					H	arphi	Ц	9.4	Ц
Deflector Instl. 2> 25-2581-1 .10 130.30 100.00 100.00	9	4	ABBY	22-30319-1	\				+	+	\downarrow	\downarrow	\perp	\perp
Shurport Comp-Elec Cable 25-27523-5 2.31 77.44 109.39 116.22 Instl-Elec Cable Support 25-27524-6 .22 54.05 97.66 107.62 Conduit Support Set 25-36381-1 7.62 80.91 110.36 118.07 Bis 1-Raceray Comp. 25-36046-3 .49 73.49 109.20 116.00 Bis 5-62 Instl. at Flant 77 .94 99.20 108.24 115.20	ş	Deflector		25-25881-1	.10	130.30	100.00	100.00	×		-	\coprod		Ц
Instl-Elec Cable Support 25-27524.6 .22 54.05 97.66 107.62 Conduit Support Set 25-36381.1 7.62 80.91 110.36 118.07 Instl-Receast Comp. 25-36046.3 .49 73.49 109.20 116.00 Bis 5-62 Instl. at Flant 77 .94 99.20 108.24 115.20	일.	Support Co		25-27523-5	2.31	44.TT	109.39	116.22	×	H	\coprod	$\bot \!\!\! \bot$	\coprod	\coprod
Conduit Support Set 25-36381-1 7.62 80.91 110.36 118.07 Instl-Raceray Comp. 25-36046-3 .49 73.49 109.20 116.00 Brs 5-62 Instl. at Flant 77 .94 99.20 108.24 115.20	44	Instl-Elec	c Cable Support	25-27524-6	.22	54.05	97.66	107.62	TX	+	+	11	11	11
Instl-Receray Comp. 25-36046-3 .49 73.49 109.20 116.00 Bis 5-62 Instl. at Plant 77 .94 99.20 108.24 115.20	94	Conduit Su	upport Set	25-36381-1	7.62	80.91	110.36	118.07	X	+	$+\!\!\!+$	$\bot\!\!\!\!\bot$	\coprod	11
Bis 5-62 Instl. at Plant 77 .94 99.20 108.24 115.20	14	Instl-Race	емву Сопр.	25-36046-3	64.	73.49	109.20	116.00	×	++	+	44	44	11
	4.8	B'S 5-62 1	t i		1 6.	99.20	108.24	115.20	×	+	41	4.	_,	_}_
										+	\bot			\perp
									1	+	-	4	L	1
				•						H	\vdash		Ц	
										+	+	\coprod	Ц	\bot
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										+	+	4	4	4
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Use actual data for each deflector.

 Excludes ENS 5-62 added at Air Force Plant 77. (See 1 tem 4g)

2-5550-0-21

BOEING M92-13946-6

							RE	RECORD	8	CHECK ING	1 1	(DATE	
SE SE SE SE SE SE SE SE SE SE SE SE SE S	CHECK LIST NO.	4.3 MIS	MISSILE WEIGHING CHECK LIST	ECK LIST			% 20 20 20 20 20 20 20 20 20 20 20 20 20	工	+	+			I
1 2		WORKE US. 122A	TINAT. ACCEMBI	SWIMP A	S C C	4 03 63	Yr		H	\dashv	Ц		
		i	THE PROPERTY DESCRIPTION OF THE PROPERTY OF TH	OKA BANG	- 12 · 01	#=7K-T			Thenoamoo	TIEST.		AIS	(ISSIIE
REER		SECTION		MISSILE	NO. Wing	비				ETIS	INED	CEN UED	
KUN M	HISSILE	HISSILE COMPONENT 2-3 Interstage		COMPONENT PART NO. Noted	NO. Note	76		JIC THĐ	GHED	eto Nemq	RECE	ASIC	ИСН
ati		DESCRIPTION	PART NO.	WEIGHT	х ави	Y ARM	Z ARM	MEI	NEI V2	i HS	SY SY	SA Fri	
ξ	Body Section	uo	25-36103-1					×					
ć	├-	[het]	25-26819-1	01.6	60 33	14 27	200	,		-			
	╁		E)-20016-1	7:-7	22.00	7.007	200-20	1	H	+	\coprod		\prod
와.	Conduit Support Set	ipport Set	25-36381-1	2.34	68.15	110.46	118.14	×	\dagger	+	_		I
54	Instl-Fwd R/W Cap	R/W Cad	25-36046-3	60.	54.43	109.20	116.00	×	$\dagger \dagger$	$\dashv +$	\coprod	\coprod	
Şe	Instl-Aft R/W Cap	к/и Сар	25-36046-2	01.	83.05	111.00	119.00	×	+	╂	$\bot \downarrow$	\coprod	\prod
25	Accelerome	Accelerometer Installation	25-33281-2	.15	78.30	97.10	115.60	×	1	$+\!\!+$	_	Ш	
5	Support Co	Support Comp-Elec Cable	25-27523-5	2.80	57.16	110.85	114.87	×	+	+	11		\prod
æ	Instl-Elec	Instl-Elec Cable Support	25-27524-6	.24	67.72	110.31	109.05	×	$\dagger \dagger$	+	$\downarrow \downarrow$		
24	Insul Comp-Fasteners	-Fasteners & Joints	25-37125-17	95.	55.01	90.76	95.81	×		++	44	\coprod	\prod
13	Bracket Cor	Bracket Comp-Cable Disc.	25-27235-3	6.13	62.85	111.02	111.04	×		+	11		\prod
K	Disc. Bracket Instl.	ket Instl.	25-27227-6	.22	64.19	111.24	111.37	×		$\dashv +$	-	\coprod	\prod
5	Ord. Assy.	Ord. Assy. Sep. & Skirt Removal	25-26856-1	4.56	65.04	93.11	97.53	×		$+\!\!+$	4	\coprod	
Ŗ	Ord. Instl	Ord. Instl-Joint Sev. 2>	25-27238-2	.10	74.65	85.50	93.69	×		++	+	\bot	\prod
Ę,	S&A Device		10-20436-5	2.84	78.10	8.50	81.50	×		++	#	\coprod	
R	E.S 5-62 I	E.S 5-62 Inst. at Plant 77		3.18	62.94	102.50	107.84	×		+	$\downarrow \downarrow$	ot	
.A/	Use actual	15 Use actual data for each body section											
9	Excludes Ex	5 5-62 added at Air Force Plant 77.		(See item 50)									

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	1000 11- 6-1
Vise actual data for each deflector.	2> Excludes E.S 5-62 added at Air Forma Plant 77

							RE	RECORD (OF CHE	CHECK ING	(DATE)	TE)
CHESC	CHECK LIST NO.	A.4 MISS	MISSILE WEIGHING CHECK LIST	ECK LIST			2	H	H		\dashv	4
						•	Y Day	+	\downarrow	$\frac{1}{1}$	+	+
DATE		HODEL WS-133A	FINAL ASSEMBLY DRAWING NO. 21-50150-4	Y DRAWING	ଅ	1 -02102		0	COMPONENT	zar.	TK.	4ISSILE
भउद्य		SECTION 46		MISSILE NO.	No. Wing II	Ħ				SITE T T	HED SILE INED	CEII:
ו אחו	HISCLE	HISTLE COMPONENT and Stage Engine		COMPONENT PART NO. Noted	No. Note	ţ		CHL	CHED	PHEN	NTO DIEW	NCH
ati	•	DESCRIPTION	PART NO.	WEIGHT	х ави	Y ARM	Z ARM	BVS WEI		IHS	7.5	
89	Deflector Assy.	Assy.	25-36378-1					×				- -
99	Deflector Instl.	Inst1.	25-25880-1	₹O*	182.60	100.00	100.00	X			++	\dashv
39	Support Co	Support Comp-Elec Cable	25-27523-5	.79	92.42	111.20	119.52	×	\blacksquare	<u> </u>	$+\!\!+$	╂┼
8	Instl-Elec	Instl-Elec Cable Support	25-27524-6	.15	41.17	101.23	105.25	×	\prod		+	╂╢╌
99	Conduit Surport Set	innort Set	25-36381-1	13.50	104.53	111.75	120.36	×	\prod		╫	╂╌╂╴
6 £	Instl. R/W Comp.	l Comp.	25-36046-2	.53	100.88	111.20	119.40	×			┤┼	┨╌┠╸
90	E'S 5-62 Instl.	Instl. at Plant 77		2.34	118.26	109.92	117.76	×		廿	+	╂
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BOEING NO. D2-13946-6

7m	7m S&A Device	10-20436-5	2.84 89.40 92.00 73.00	89.40	92.00	73.00
Tn	In ES 5-62 Instl. at Plant 77		3.15	73.58	3.15 73.58 102.87 112.20	112.2
4	1> Use actual data for each body section.					
\bigwedge	2> Excludes ESS 5-62 added at Air Force Plant 77. (See item 7n	ant 77. (See	1tem 7n)			

MO: D2-13946-6

							RE	RECORD	0.50	CHECKING		(DATE)	(3)
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DATE		MODEL MS-133A	FINAL ASSEMBLY DRAWING NO. 21-50150-4	Y DRAWING	2 2	20120-4			COMPONENT	THER		SIE	ISSILE
836)		SECTION 47		MISSILE	No. Win	Wing II			 -	ETIE	SILE	GEN	
ו אמו	HISSILE	HISSILS COMPONENT 1-2 Interstage	COMPO	component Part no. <u>Noted</u>	No. Not	20		THO	озно		PHEN PHEN PHEN	WEIG OTE	ИСН
ati		DESCRIPTION	PART NO.	WEIGHT	X ARH	Y ARM	Z ARM	MEI	MEI V2		SY	SY	
7a	Body Section	on	25-36101-1	Δ				×	-	+		44	$\perp \! \! \! \! \! \! \! \! \perp$
ę	Interstage Insti	- Insti.	25-36478-1	2.52	79.35	99.88	100.32	1	+	+		44	
Je	Conduit Support Set	upport Set	25-36381-1	2.36	88.86	115.58	127.07	×		++	$+\!\!+\!\!\!+$	4	
74	Instl-Fvd R/W Cap	R/V Cad	25-36046-2	60:	53.50	110.20	119.50	×	+	+	44	4	11
7e	Instl-Aft R/W Cap	R/W Cap	25-36046-1	60.	105.77	116.20	128.00	X	+	$\dashv \vdash$	++	- - -	11
7.5	Support Co	Support Comp-Elec Cable	25-27523-5	2.17	59.34	112.43	118.28	۲	+	++	++	4	#
7g	Instl-Elec	Instl-Elec Cable Support	25-27524-6	04.	83.74	109.13	114.73	X	+	$+\!\!+$	++	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	4
Ę	Insul Comp	Insul Comp-Fasteners & Joints	25-37125-17	.57	80.09	95.42	97.49	×	+	$+\!\!+$	++	++	#
F	Bracket Co	Bracket Comp-Cable Disc.	25-27234-3	16.11	66.87	114.13	114.13	×	$\dagger \dagger$	┼┼	+	 - }-	┦.
F	Disc. Bracket Instl	ket Instl	25-27221-1	.23	70.66	120.19	120.32	×	$\dagger\dagger$	╫	₩.	$\!$	\coprod
Ä	Ord. Assy-Sep.	Sep. & Skirt Removal	25-26855-1	40.9	72.72	88.20	105.50	×	$\dagger \dagger$	++	╀	++	₩.
r	Ord. Instl	Ord. Instl-Joint Sev.	25-27238-1	.16	84.16	82.66	94.21	×	$\dagger \dagger$	+	╂	4	
72	S&A Device		10-20436-5	2.84	89.40	92.00	73.00	×	+-	╫	╂╂	+	╀
Tn	ES 5-62 Instl.	instl. at Plent 77		3.15	73.58	102.87	112.20	×	$\dagger \dagger$	╫	╁┼	++	$\!$
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/	les actual	data for each body seption											

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対形	CHECK LIST NO.	4.6 MISS	MISSILE WEIGHING CHECK LIST	HECK LIST			Y.		1 1				T
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DATE	£3	HODEL WS-133A	FINAL ASSEMBLY DRAWING NO. 21-50150-4	LY DRAWING	1 No. 21-	50150-4	7.		\dashv			٦	٦
			•				•		COMPONENT	TME!	64	(ISSILE	3
HDEB		SECTION 48		MISSILE NO.		Wing II			<u> </u>	STIE	NED	SITE	T
UN M	HISSILE	HISSILE COMPONENT Lat Stage Engine	SOME	COMPONENT PART NO. Noted	r No. Not	ed	į	THE	CZHE	TE S	SECE)	idisi Sato	нон
II.	•	DESCRIPTION	PART NO.	VEIGHT	X ARK	Y ARM	BARA 5	V2 MEIC BV2	AEIC	NEN Shii	NS F	NEW CAN	r y ny
ą	Party Care		. 200						H			H	П
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æ	Deflector Instl.	Ineti.	25-25879-1	.13	309.50	100.00	100.00	×	$\dashv \downarrow$	П		T	П
緩.	Conduit Support	wort	25-36381-1	30.62	162.14	117.43	129.66	×	+	П		$\dagger \dagger$	П
8	₩	Instl. Raceway Comp.	25-36046-1	1.14	161.30	116.20	119.50	 x	+	\prod		\top	П
8	┿	Insul. Como-Fusteners & Joints	25-37125-17	.79	156.59	116.50	129.00	×	-				П
8	Support Co	Support Comp, Elec. Cable	25-27523-5	.61	51.70	116.70	129.40	×	- -				П
8	Instl-Elec Cable	. Cable	25-27524-6	.05	35.10	106.49	103.00	×					
85	Eds 5-62 Instl	nstl at Plant 77		2.77	194.04	112.50	121.76	×					П
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Δ	Use	actual data for each deflector.									1	1	1

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DATE	2	HODEL WS-133A	4	FINAL ASSEMBLY DRAWING NO. 21 -501 50 - b	I.Y DRAWING	- 10 ON 1	4-05 (O	Yr		Н	Ц			
							222	1	_	COMPONENT			AISS	ELISSI
KEEN		SECTION 49			MISSILE NO.		Wing II			-		IVED	GEI	
ian h	HISSILE	HISSILE COMPONENT SKLYL		8	COMPONENT PART NO. Noted	NO. Not	8		3HT IC	CSHE	MENT MENT	SECE	DISA STC	ICH
ari	٠	MESCRIPTION		PART NO.	WEIGHT	X ARH	Y ARK	Z ARM	MEIC BV2	MEIC Y2		R SA	AFIR VS 1	TYN
										H				
1	ACT VSSY-THERE.	- Tager -		25-3000-1	4				×	+	1			
8	Pretl-Skirt Bect.	t Beot.		25-36079-1	7.66	52.85	100.53	100.86	T _N	H	\coprod		П	П
8	Conduit Support Set	poort Set		25-36381-1	2.42	57.26	117.80	129.80	×	+			T	T
. 8	Instl. Receipt Can	cvav Can		25-26046-1	7.	C 05	2 71	128 50	,	H			П	П
							X . X	7	1	\vdash	L		T	T
8	Support Co	Support Comp-Elec Cable		25-27523-5	1.33	63.04	119.63	131.00	×	-				П
ষ	Instl. Ele	Instl. Elec. Cable Support		25-27524-6	.37	69.10	127.98	120.16	14	H	Ш		\prod	П
8	ES 5-62 I	ES 5-62 Instl. at Plant 77			206	63.16	106.46	108.98		+				T
							AT 1004	27.000	╁	H			П	П
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5.0 ENGINEERING CHANGE PROPOSAL (ECP) INCCRPORATION APPLICABLE TO WING II MISSILES 739-786

The following MCP's have not been incorporated into "Model Specification, Guided Missile Main Assemblage (S-133-1000-0-1)" dated 15 March 1963. However, the mass properties of these ECP's have been incorporated into this report unless otherwise noted. ECP's applicable to the CTLI components will be found in D2-13943-2, "Flight Article Mass Properties for CTLI Installations".

All changes incorporated in components at time of delivery to Plant 77 have been incorporated in the Model Specification.

U3 4200 3000 REV. 6/61

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BOSINO	NO. D2-1	3946-6	
	SECT.	PAGE	64

Y2 hop.000 127.493 100.001 DIM. INCHES 15,801.5 OPR-2114 127.499 22.500 100,000 100,001 72.501 127.495 VERTICAL C.G. REPORT NO. PAGE NO. DATE DIX 27 23.88 1.88 40.65 9 VERTICAL REFERENCE DATUM 47.354 8.8 E TARGET AS WGD 88 ある。 世,80 地,65 (FIGURE II) NET WT. 33.00 88 15.545.9 CHECK LIST NO. REPORTED BY CHECKED BY - INTERSTAGE 35.65 28.75 33.00 28.90 22.22 TARE LATERAL C.G ACTUAL WEIGHT RECORD £1 88 73.65 282.90 IVLEBAL RETERENCE DATOR 25-27204-1 REACTION 200 R 28 DRAWING NO. WEIGHING NET WT. 38.00 12.70 31.15 10,526.8 6.1.1 CORR. LONGITUDINAL C.G. 85.55 86.88 87.89 87.89 87.89 21.15 740 WS-133 FIGURE 別は 0000230 E NET WT. 12 23 24 12 25 25 12 25 25 103.50 113.50 25.75 SERIAL NUMBER: MISSILE MODEL CONFIGURATION 22 Ü GR. U/O HISSILE REACTION LONGITUDINAL REFERENCE DATUM REACT. 記記書 징진목 2-5550-0-78

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BORING 102-13946-6 No.

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BOEING NO 102-13946-6 >

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ATTE STORMS COMPONENT MEICHED Y2 MEICHL BYZIC × × Mo Vr Z ARM ARM Noted > ₹ ARM HISSILE COMPONENT BODY SECTION-GUIDED MISSILECOMPONENT PART NO. FINAL ASSEMBLY DRAWING NO. MISSILE NO. × MISSILE WEIGHING CHECK LIST WEIGHT SERIAL NUMBER: 0000230 BAC B30EM-4-9 BAC B30EM-4-12 BMS-5-62 PART NO. ପ୍ରଶ Body Section Assembly (Continued WS-133 6.1.1 42 DESCRIPTION MODEL SECTION Bolt - 100° Head Bolt - 100° Head Insulation CHECK LIST NO DATE ITEM NUMBER

2-7824-0-25B

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BOEING No. D2-13946-6

		6.1.1 WE	IGHT AND I	WEIGHT AND BALANCE CHANGE RECORD	LANGE RE	CORD				
	ASSOCIATE CONTRACTOR COMPONENT	BOETNG INTERSTAGE 2-3	CONTRACT NO.	AFO4 (694) -046	940-(+	RE	REPORT NO.	OFR-2114 5/3/63	ą	
	MODEL NO. SERIAL NO.		DRAWING NO. U.O. MISSILE	25-36103-1 7 ¹ 40	3-1	# # 	PREPARED APPROVED	JIM HILL G. ROBERIS	L. PRITS	
3		COURSE CHANGE COURSE				WEIGHT	WEIGHT AND BALANCE	ANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	NT	TESTON.	ARM	MOMENT	ARM	MOMENT		TYTHON
1.	2 25-36103-1	Body Section (As Welched)		756 60	67 20	LI	26 00	ا	8	0 00
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1	200	Mineral		,						
L	0	MEDICIE		o						
ΙĦ)									
7	1 25-36103-1	Body Section (Complete)		156.60	67.22	10.526.8	99.27	15.545.9	100.90	15.801.5
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ASSOCIATE CONTRACTOR BOETHOR ASSOCIATE CONTRACTOR BOETHOR ASSOCIATE CONTRACTOR BOETHOR ASSOCIATE CONTRACTOR BOETHOR ASSOCIATE ASSOCIATE ASSOCIATE			6.1.2	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
No. No. No. No. 25.56103-1 PREPARED J. J. J. J. J. J. J. J	- 0		BOETNG INTERSTAGE 2-	CONTRACT NO.	AF04 (694	91;0-(RE	턴	1 1	7.	
PART NO. DESCRIPTION OF EQUIPHENT VEIGHT X AXIS Y AXIS	_ ~,	ODEL NO.	WS-133 0000234	DRAWING NO. U.O. MISSILE	25-36103 TT5	4	P. P. P. P. P. P. P. P. P. P. P. P. P. P	EPARED PROVED	G. OGAH	17 8	
PART NO. DESCRIPTION OF EQUIPMENT WEIGHT ARM NOMEST ARM WOMEST	IE !		CHANGE RECORD				WEIGHT	AND BAL	ANCE		
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25-36103-1 Bock Section (As Weighed) 156.10 67.24 10,490.2 99.37 15.502.4 DEDUCT: 0 DEDUCT: 0 25-36103-1 Bock Section (Complete) 156.10 67.24 10,490.2 99.37 15,502.4	' '		CESCRIPTION OF EQ	UIPMENT	10015	1 11	MOMENT		MOMENT	1 1	THEMOW
DEDUCT: 0 DEDU	سابهاير			1rhed)	156.10	42.79	10,490.2	28.37	15,502,4	101.05	15,763.5
25-36103-1 Body Section (Complete) 156.10 67.24 10,490.2 99.37 15,502.4	اعاما		ADD:		c						
25-36103-1 Body Section (Complete) 156.10 67.24 10,490.2 99.37 15,502.4	9 6										
25-36103-1 Body Section (Complete) 156.10 67.24 10,490.2 99.37 15,502.4 156.10 67.24 10,490.2 99.37 15,502.4 156.10 67.24 10,490.2 99.37 15,502.4	اصلا		DEDUOT:		0						
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BOEING NO. D2-13946-6

OEING OEING OCOSHO CHANGE RECORD CHANGE RECORD CTION (As Weigher) CTION (Complete)			619		WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
No. HS.133 DRAWING NO. 2535103-1 PREFARED T. VOCEL NO.	138		1 '	OETING NTERSTAGE 2-3	CONTRACT NO.	AF04 (694	94-(1		PORT NO	OPR-21.	15	
PART NO. DESCRIPTION OF EQUIPMENT ARM MONENT ARM	柔め	ODEL NO. ERIAL NO.	비শ의	IS-133 000240	DRAWING NO.	25-3610 741	12	# # # # # # # # # # # # # # # # # # #	EPARED PROVED	T. VOG	EL	
PART NO. DESCRIPTION OF EQUIPMENT VEIGHT ARM MONENT AR	E		TANK MAT TICS	CHANGE DECOR				WEIGHT	AND BA	LANCE		
### NO. DESCRIPTION OF EQUIPMENT ARM MONENT ARM MONENT ARM EST-\$6.03-1. Body Section (As Weighed) 157.20 67.43 10.600.4 99.36 15.619.6 100.97	r In					₩ETGHT	×	1	¥	AXIS	2	AKIS
25-36103-1 Body Section (As Weighed) 157.20 67.43 10,600.4 99.36 15,619.6 100.97 And: District: 0	ľ	PART NO.	Sign	CRIPTION OF EN	UIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
And: Decivor: Decivor: 25-36103-1 Body Section (Complete) 157.20 67.43 10,600.4 99.36 15,619.6 100.97	77	25-36103-1	Body 8e	S	ghed)	157.20	67.43	10,600.4	99.36	15,619.6	100.97	15,872.6
25-36103-1 Body Sertion (Complete) 157.20 67.43 10,600.4 99.36 15,619.6 100.97	7.3											
25-36103-1 Body Section (Complete) 157.20 67.43 10,600.4 99.36 15,619.6 100.97	9		ADD:			a						
25-36103-1 Body Section (Complete) 157.20 67.43 10,600.4 99.36 15,619.6 100.97	17											
25-36103-1 Body Section (Complete) 1.57.20 67.43 10,600.4 99.36 15,619.6 100.97	∞ 0		DEDUCE:			0						
25-36103-1 Body Section (Complete) 1.57.20 67.43 10,600.4 99.36 15,619.6 100.97	18											
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	6.1.4	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE REX	CORD				
ASSOCIATE CONT	CONTRACTOR BOEING INTERSINGE 2-3	CONTRACT NO.	AFO4 (694)-046	3-046	RE DA	REPORT NO.	OPR-2118 5/9/63	8	
MODEL NO. SERIAL NO.	WS-133 0000241	DRAWING NO. U.O. MISSILE	25-36103-1 7 ¹ 44	-	AP PR	PREPARED APPROVED	JIM HILL G. ROBERUS	TU	
	EQUIPMENT CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	ANCE		
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2 25-36103-1 3	Body Section (As Weighed)	[ghed]	156.65	67.32	10,545.6	99.29	15,553.6	101.07	15,832.7
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10 25-36103-1	Body Section (Complete	ete)	156.65	67.32	10,545.6	99,29	15,553.6 101.07	101.07	15,822.7
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15,683.8 15,838.8 THENCY Z AXIS 100.88 67.33 10,604.3 99.42 15,657.9 100.88 A.R.Y. G. ROBERTS JIM HILL **OPR-2121** 2/8/63 99.42 15.657.9 MOMENT WEIGHT AND BALANCE T AXIS REPORT NO. DATE PREPARED APPROVED ARM 67.33 10,604.3 MOMENT X AXIS WEIGHT AND BALANCE CHANGE RECORD ARM CONTRACT NO. AFO4 (694)-046 25-36103-1 748 WEIGHT 157.50 157.50 0 0 LOT NO. DRAWING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete EQUIPMENT CHANGE RECORD COMPONENT INTERSTAGE 2-WS-133 0000242 DEDUCT: 6.1.9 ABD: 25-36103-1 11 25-36103-1 PART NO. NODEL NO. SERIAL NO. 2777 0 TIME

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PART NO. DESCRIPTION OF EQUIPMENT CHANGE RECORD VEIGHT X AXIS T A		CODEL NO.		25-36103	7	AF 25	PROVED	R. ST. B. WARR	ROMA IN EXIDER	
Part NO. DESCRIPTION OF EQUIPMENT VerigeT ARM NOKENT ARM AND AND 2			MENT CHANGE RECORD			WEIGHT		LANCE		
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255-3603-1 Body Section (As Weighed) 157.20 67.37 10,590.1 59.32 15,612.8 101.01 Albi DEDUCT: DEDUCT: DESUCT:		_[DESCRIPTION OF EQUIPMENT		ARM	MOMENT		MOMENT		NOMENT
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25-36103-1 Body Section (Complete) 157.20 67.37 10,550.1 99.32 15,612.8 101.01	مام		ELUCIE:	0						
11. 25-36103-1 Body Section (Complete) 157.20 67.37 10,590.1 99.32 15,612.8 101.01 12. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	2									
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550_0	ASSOCIATE CON	CONTRACTOR BOEING INTERSTACE 2-3	CONTRACT NO.	APO4 (694)-046	940-(RE	REPORT NO.	0PR-2127 5/17/63		
-11	NODEL NO. SERIAL NO.	WS-133		25-36103-1			PREPARED APPROVED	W. BAIRD		
						WEIGHT	WEIGHT AND BALANCE			
MIT		EQUIPMENT CHANGE	RECORD		×	AXIS	×	AXIS	2	AXIS
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_1_T	2 25-36103-1	Body Section	(As Weighed)	156.35	67.37	10,533.5	93.56	15,519.5	100.87	15,777.1
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145	11 25-36103-1	Body Section	(Complete)	156.35	67.37	10,533.5	93.26	15,519.5 100.8T	100.87	15.777.21
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		6.1.8	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	QIQ.				
3 8	ASSOCIATE CON	CONTRACTOR BOETING TWEEDSTAGE 2-3	CONTRACT NO.	AFQ4(694)-046	940-(RE	REPORT NO.		67	
S	HODEL NO. SERIAL NO.	WS-133 0000249		25-36103-1 739	-		PREPARED APPROVED	JEN HILL G. ROBERTS	L. RRIS	
3		CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		•
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- -	PART NO.	DESCRIPTION OF E	EQUIPMENT	100-00	ARM	MOMENT	ARK	MOMENT	ARM	KOMENT
100	25-36103-1	Bødy Section (As Weighed	[ghed]	157.35	67.17	10,568.6	99.33	15,619.1	100.98	15,879.0
on t		ADD:		0						
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1	25-36103-1	Body Section (Complete	ete)	157.35	67.17	10,568.6	99.33	15,619.1	100.98	15,879.0
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15.911.7 100.99 15.911.7 MOMENT SIXY 2 100.99 쯢 T. VOCEL G. ROBERTS orr-2116 5/7/63 15,651.9 15,651.9 MOMENT WEIGHT AND BALANCE Y AXIS REPORT NO. 99.35 ARM 99.35 PREPARED APPROVED 10,604.6 10,604.6 MOMENT AXIS WEIGHT AND BALANCE CHANGE RECORD 67.31 67.31 ARM AFO4 (694)-046 25-36103-1 742 VEIGHT 157.55 157.55 0 0 CONTRACT NO. DRAWING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) (Complete) DOELING C INTERSTAGE 2-3 I WS-133 D D 0000250 EQUIPMENT CHANGE RECORD Body Section 6.1.9 DEDUCT: ASSOCIATE CONTRACTOR ADD: 10 11 **25-36**103-**1** 12 13 14 15 2 25-36103-1 PART NO. MODEL NO. SERIAL NO. COMPONENT œ **LINE**

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			6.1.10	WEIGHT AND BALANCE CHANGE RECORD	MIANCE CH	LANGE RE	2010				
	ASSOCIATE COMPONENT	CONTRACTOR	BOEING INTERSTAGE 2-3	CONTRACT NO.	Aro4 (694)-046	940-(REDA	REPORT NO.	OPR-2119 5/10/63		
-11 R	HODEL NO. SERIAL NO.		WS-133 0000251	DRAVING NO. U.O. MISSILE	25-36103-1 746			PREPARED APPROVED	JIM HILL G. ROBERUS	3133	
		NG MET TICK	CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	ANCE		
rı					WEIGHT	×	AXIS	¥	AXIS	2	AXIS
	PART NO.		DESCRIPTION OF EQUIPMENT	UIPMENT		ARM	MOMENT	ARM	MOMENT	YEN YEN	THEMON
	2 25-36103-1	-	Body Section (As Weighed)	ghed)	156.75	67.37	10.560.6	90.30	15.578.8	100.05	15 824.8
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45	25-36103-1	-	Body Section (Complete)	te)	156.75	67.37	10,560.6	99.39	15,578.8	100.95	15,524.8
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MOMENT WEIGHT AND BALANCE REPORT NO. DATE 10,606.5 99.33 10,606.5, 99.33 PREPARED APPROVED ARY MOMENT X AXIS WEIGHT AND BALANCE CHANGE RECORD 67.34 67.34 ARM AFO4 (694)-046 25-36103-1 WEIGHT 157.50 157.50 q 0 CONTRACT NO. LOT NO. DRAWING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete) ASSOCIATE CONTRACTOR BOETING
COMPONENT
INTERSTAGE 2-3 EQUIPMENT CHANGE RECORD 0000252 .WS-133 DEDUCT: ADD: 2 25-36103-1 11 25-36103-1 PART NO. MODEL NO. SERIAL NO. 13 129 **PIME**

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ASSOCIATE CONTRACTOR EQUINGER COMPONENT CHAN WES-13 SERIAL NO. DESCRIP 2			6.1.12	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RD	യയ				
MODEL NO. MS-133 DRAWING NO. 25-76003-2 APPROVED G. OGARD G. OG		ASSOCIATE CONTROPORTE	RACTOR BOETHG INTERSTAGE 2-3	•	AF04(694	940-(REDAY	PORT NO.	1	25	
PART NO. PECHANIS RECORD VEIGHT AND BALANGE 2 A PART NO. PECHANIS RECORD VEIGHT AND RALANGE 2 A PART NO. DESCRIPTION OF EQUIPMENT (As Veighed) 157.05 67.23 10.558.3 99.30 15.595.0 100.91 2		ODEL NO.	WS-133 0000253		25-36103 752	4	AP 28	EPARED PROVED	W. BAI G. OGA	සි සි	
Pare No. Pascellan (Na Weighed) Variet ARM NOMENT ARM	3		DITTEMENT CHANGE RECORD				WEIGHT	PA DA	ANCE		
PAME NO. DESCRIPTION OF EQUIPMENT ARM NOWENT ARM NOWENT ARM MONENT ARM	רוא				WETGHT	×			AXIS		AXIS
25-3603-1 Body Section (As Weighed) 177.05 67.23 10.556.3 99.30 15.595.0 100.99, 15.595.0 1		L	DESCRIPTION OF E.	UIPMENT	TEPTOR	1 1	L		MOMENT		NOMERT
2.25-36103-1 kody Section (Aw Weighed) 197.05 67.23 10,558.3 99.30 15,595.0 100.90. 4 5 6 7 7 8 8 9 9 10.25-36103-1 Rody Section (Complete) 11.25-36103-1 Rody Section (Complete) 12.5 13.5 14.5 15.6 15.6 15.6 15.6 15.6 15.6 15.6 15											
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8 DEDUCT: 0 O 1125-36103-1 Pody Section (Complete) 157.05 67.23 10,555.3 99.39 15,595.0 100.91 15,677 13,134 13,135 13,13	٥١٠										
9 10 25-36103-1 Body Section (Complete) 157.05 67.23 10,555.3 19.30 15.657 13.05 13.657 13.05 13.657 13.05 1	100		DEDUCT:		0						
10 25-36103-1 Body Section (Complete) 1577.05 67.23 10,555.3 15.595.0 120.91 15.657 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	9										
11/22-30103-1 Body Section (Corplete) 157.05 67.23 10,555.3 99.27 15,595.0 150.91 15,647 13.11.22-30103-1 Body Section (Corplete) 157.05 67.23 10,555.3 99.27 15,595.0 150.91 15,647 13.12.12.13.13.13.13.13.13.13.13.13.13.13.13.13.	9						Q-1				
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		6.1.13 VEIGE	T AND B	Weight and Balance Change Record	ANGE RE	2080				
ASSOCIATE		CONTRACTOR ROEING CONTRACT INTERSTAGE 2-3 LOT NO.	T NO.	AFO4 (694)-046	940-(1	RE	REPORT NO.	OPR-2128 5/22/63	82 %	
MODEL NO. SERIAL NO.	. Q.		NO.	25-36103-1 755	1-1	£ 3	PREPARED APPROVED	W. BAIRD G. OCARD	22	
3		SOUTHWESTER FUANCE DEPOSED				WEIGHT	WEIGHT AND BALANCE	LANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT		THOTOM	ARM	MOMENT	YEN	HOMENT		TICEMON
1 225-36103-1	103-1	Body Section (As Weighed)		156.35	67.29	10,521.1	99.28		100.96	15,784.8
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11.25-36103-1	103-1	Body Section (Complete)	-+- i-	156.35	67.29	10,521.1	99.28	15,522.3	100.96	15,724.8
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		6.1.14 WEIGHT A	WEIGHT AND BALANCE CHANGE RECORD	HANGE RE	CORD				
	ASSOCIATE CONTRACTOR COMPONENT	•). Aro4(694)-046	940-(RE	REPORT NO	• OPR-2117 5/8/63	1.7	
-11 R1	MODEL NO. Serial no.		. <u>25-36103-1</u>		# *	PREPARED APPROVED	JIM HILL G. ROBERIS	CL ERTS	
		EDUIDMENT CHANGE RECORD			WEIGHT	AND BALANCE	LANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	ARM	MOMENT	АЗМ	WOMENT
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7 2	25-36103-1	Body Section (Complete)	157.60	67.21	10,592.6	€. 100	15,665.1	101.00	15,918.0
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		6.1.15	WEIGHT AND BALANCE CHANGE RECORD	SALANCE CH	ANGE REC	OKD OKD				
ASSOCIATE CONTRACTOR		BOETING		AFO4 (694)-046	940-(RE	REPORT NO.	ı	R	
COMPONENT MODEL NO. SERIAL NO.		INTERSTAGE 2-3 WS-133 0000256	LOT NO. DRAWING NO. U.O. MISSILE	25-36103-1 7 ⁴ 7	-	DATS PREP/ APPR	DATE PREPARED APPROVED	5/9/63 JIM HILL G, ROBERTS	T. artis	
3	Namathca	SOUTDMENT CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		
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PART NO.	α 	DESCRIPTION OF EQ	EQUIPMENT	110771	ARM	MOMENT	ARM	MOMENT	YEY	TWENCY
2 25-36103-1	+	Body Section (As Wetobed	(ahed)	25.00	06 43	7 040 06	00	7 00- 35		2000
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	6.1.16	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	989				
ASSOCIATE CONTRACTOR COMPONENT	•	CONTERACT NO.	AFO4(694)-046	940-(EX 7	REPORT NO.		2	
MODEL NO.	WS-133 0000257	DRAWING NO. U.O. MISSILE	25-36103-1 750	-	 	PREPARED APPROVED	JIM HILL G. OCARD	-H B	
NE	EQUIPMENT CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	ANCE		
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PART NO.	DESCRIPTION OF EQU	EQUIPMENT		ARM	MOMERAT	ARM	MOMENT	WEY.	THE WON
2 25-36103-1	Body Section (As Weighed)	ched)	156.95	67.28	10.559.8	90,33	15.589.1	0.00	15.851.6
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11 25-30103-1	Body Section (Complete)	te)	156.95	67.28	10,559.8	99.33	15,589.1	101.00	15,851.6
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	-	9	6.1.17		WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
ASSOCIATI	63 6	CONTRACTOR B	BOETING	C C STANS	CONTRACT NO.	AFO4 (694)-046	940-(RE	REPORT NO.	OPR-2126	و	
MODEL NO.	MODEL NO. SERIAL NO.	4 ≊ ŏ	WS-133 0000258	_	DRAWING NO.	25-36103-1 753	7	PR PA	PREPARED	W. BATED	ae	
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นา	·	.				WEIGHT	×	AXIS	Y	AXIS	2	AXIS
_L	PAKT NO.	SEC	DESCRIPTION OF	OF EQUI	EQUIPMENT		ARM	MOMENT	ARY	MOMENT	ARM	TWENCH
2 25-	25-36103-1	1 Body Secti	g	(As Welghed	hed)	157.15	67.18	10,556.9	99.29	15,603.6 100.94	100.94	15,863.4
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9						,						
	25-36103-1	1 Body Secti	ection	Complete	(e)	157.15	67.18	10,556.9	99.29	15,603.6 100.94	100.94	15,863.4
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		6.1.18	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE REC	CORD				
র ৪	ASSOCIATE CONTR COMPONENT	CONTRACTOR BOETING INTERSTACE	CONTRACT NO.	AFO4(694)-046	940-(EE DA	REPORT NO.	5/17/63	80 ~	
8 R	Hodel no. Serial no.	WS-133 0000259		25-36103-1 756	-	# & 	PREPARED APPROVED	R. ST. ROMAIN B. WARRENDER	ROMADY	
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	PART NO.	DESCRIPTION	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	MOMERIT
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BOEING NO. D2-13946-6

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- 4	ASSOCIATE C	CONTRACTOR	BOETING THE COUNTY OF S	CONTRACT NO.	APO4(694)-046	940-(22 2	REPORT NO.	OPR-2133	3	
	MODEL NO. SERIAL NO.		WS-133 0000260	DRAWING NO.	25-36103-1 760		\$ E 2	PREPARED APPROVED	JIM HILL G. OCARD	110	
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INI		ENTINE	EQUIPMENT CHANGE RECORD			*	AVTE	אמ השא	ANTE	•	. 7.70
	PART NO.		DESCRIPTION OF EQUIPMENT	UIPMENT	WEIGHT	ARM	MOMENT	ARM	MOMENT	ARA	NON:
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14:	25-36103-1		Body Section (Complete	ete)	156.35	67.32	10,525.3	99.38	15,537.4 101.04		15.797.2
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PART NO. WE-133 DRAWING NO. 25-36103-1 PRSTANDO REAL NO. PRETAIN	4 8			BOETING TWTERSTAGE	•	AFO4 (694)	970-1	RE	PORT NO.	OPR-213	9	
EQUIPMENT CRANGE RECORD U.O. MISSILE TGS	×	ODEL NO.			DRAWING NO.	25-36103-	۲	: æ 	SPARED	R. ST.	ROMAIN	
### PART NO. DESCRIPTION OF EQUIPMENT VEIGHT X ALIS	S			0000261	U.O. MISSILE	763		A	PROVED	B. WARR	ENDER	
PART NO. DESCRIPTION OF EQUIPMENT VEIGHT X AXIS Y AXIS 2	31		SAMPLUCA	NT CHANGE RECORD				WEIGHT	AND BAJ	LANCE		
25-36103-1 Body Section (As Weighed) 156.75 6f.35 10,556.5 99.28 15,562.3 100.96 25-36103-1 Body Section (As Weighed) 156.75 6f.35 10,556.5 99.28 15,562.3 100.96 25-36103-1 Body Section (Complete) 126.75 6f.35 10,556.5 99.28 15,562.3 100.96 25-36103-1 Body Section (Complete) 126.75 6f.35 10,556.5 99.28 15,562.3 100.96	מז					WEIGHT	×	AXIS	×	AXIS	2	AXIS
25-35103-1 Body Section (As Weighed) 156.75 67.35 10,556.5 99.28 15.562.3 100.96 BES-35103-1 Body Section (Complete) 156.75 67.35 10,556.5 99.28 15,562.3 100.96		PART NO		DESCRIPTION OF E	QUIPMENT	***************************************	ARM	MOMENT	ARM	HOMENT	АЗЖ	NOMENT
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	CONTRACTOR BOETING INTERSTAGE	CONTRACT NO.	AFO4 (694)-046	940-(32 A	REPORT NO.	. OPR-2139 5/28/63	8	
HODEL NO. Serial no.	WB-133 0000262		25-36103-1 766	-		PREPARED APPROVED	R. HOLCOWB B. WARRENDER	CANB ENDER	
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25-36103-1	Body Section ((Complete)	155.80	67.38	10,497.2	99.39	15,485.1	101.08	15,749.0
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	ASSOCIATE CONT CONFORTER HODEL NO. SERIAL NO.	ASSOCIATE CONTRACTOR BOKENIG CONFORMAT MODEL NO. WE-133 SERIAL NO.	TAIGE 2-3 LOT NO. DRAVING NO. 3 U.O. HISSILE		Arok (691.)-046 25-36103-1 769	3,1		REPORT NO. DATE PREPARED APPROVED	078-21/2 5/31/63 R. HOLCOM B. WARKENDER	1.2 3 COBGB REWDER	
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		6.1.23	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	S) ED				
ASSOCIATE	CONTRACTOR	BOETING	CONTERACT NO.	AFO4 (694)-046	940-(32 2	REPORT NO.	ı	Ŋ	
MODEL NO.		1NVENSVACE 2-3 WS-133	DRAWING NO.	25-36103-1	17	5 E	DATE PREPARED	W. PAIRD	Э	
SERIAL NO.		0000264	U.O. MISSILE	773		₹ 	APPROVED	G. OCARD	e	
31	a Marnea	CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	LANCE		
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PART NO.		DESCRIPTION OF EQUIPMENT	UIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	TICENON:
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12 25-36103-1	\downarrow	Body Section (Complete	ete)	155.80	67.31	10,486.9	88.38	15,483.8	300.99	100.99 15.733.9
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		0PR-2131 5/21/63 W. BAIRD	G. OGARD	BALANCE	AXIS	MOMENT	15,555.0						15,555.0																	
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	MIANCE CH	Aro4(694)-046 25-36103-1	758		WEIGHT		156.65		0		0		156.65																	
	WEIGHT AND BALANCE CHANGE RECORD	CONTRACT NO. LOT NO. DRAWING NO.	U.O. MISSILE		The state of the s	INTERIOR	ghed)						te)																	
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3 E	ASSOCIATE CO	CONTRACTOR BOE	BOKING TRIPERSTAGE 2-3	CONTRACT NO.	APO4 (694)-046	3-046	REPO	REPORT NO.	4612-840	# .	
	HODEL NO.		WS-133	DRAVING NO.	25-36103-1	4	S & S	PREPARED	W. PAIRO	88	
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E Michigan AXIS 13 .00.96 ¥. 5/29/63 W. BAIRD G. OGARD OPR-2137 99.36 15,549.6 NOWENT. Y AXIS WEIGHT AND BALANCE REPORT NO. DATE Prepared APPROVED ARY 10,544.9 NOWENT AXIS WEIGHT AND BALANCE CHANGE RECORD 67.44 ARM CONTRACT NO. AFO4 (694)-046 25-36103-1 WEIGHT. 0 LOT NO. DRAWING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Welghed) (C molete) INTERSTACE 2-3
WS-133
0000267 EQUIPMENT CHANGE RECORD 6.1.26 Body Section DEDUCT: ASSOCIATE CONTRACTOR COMPONENT ADD: 225-36103-1 101 PART NO. MODEL NO. SERIAL NO. **NNNNN** RX. LINE

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NO.D2-13946-6 BOEING PAGE 93

		6.1.27	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	LANGE RD	CORD				
ASSOCIATE	CONTRACTOR	BOEING INTERSTAGE 2-3	CONTRACT NO.	AFO4 (694)-046	940-(38	REPORT NO.	OPR-2140		
MODEL NO. SERIAL NO.		WS-133 0000268	DRAWING NO. U.O. MISSILE	25-36080-1 767	н	AP AP	DATE PREPARED APPROVED	V. BAIRD G. OCARD	9.9	
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PART NO.		DESCRIPTION OF EQUIPMENT	UIPMENT	WEIGHT	X	AXIS	i	Y AXIS	2 20	AXIS
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BOEING NO. D2-13946-6

Ш			6.1.28	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	IANGE RE	CORD				
	ASSOCIATE CON	CONTRACTOR	BOEING THERESTANCE 2.3	CONTRACT NO.	AFO4(694)-046	3-046	RE	REPORT NO.	0PR-2144	-1	
· ·	MODEL NO. SERIAL NO.	• • •	WS-133 0000269	DRAWING NO.	25-36103-1 TT2	-1-	A 98	PREPARED APPROVED		NOTAL!	
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	PART NO.	ດ	DESCRIPTION OF E	EQUIPMENT		TEY.	MOMERT	YEW	YOMENT	WEY	TATEMON
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Autoria Auto		6.1.29	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
No. No.	ASSOCIATE	CONTRACTOR BOETNG INTERSTAGE 2-3	CONTRACT NO.	AFO4 (694)	940-(RE	PORT NO.	OPR-21	91	
PART NO. DESCRIPTION OF EQUIPMENT X AXIS	NODEL NO. SERIAL NO.	WS-133 0000270	DRAWING NO. U.O. MISSILE	25-36103-	-	P. P. P. P. P. P. P. P. P. P. P. P. P. P	SPARED PROVED	JTM HI	3 8	
PART NO. DESCRIPTION OF EQUIPMENT ARM MONENT ARM	31	EDUIPMENT CHANGE RECORD				WEIGHT	1	ANCE		
PART NO. DESCRIPTION OF EQUIPMENT ARM MOMENT ARM ARM ARM				WEIGHT.	×	AXIS	7	AXIS	7	AXIS
25-36103-1 Body Section (As Weighed) 155.90 67.27 10,487.7 96.38 15,493.8 100.92 ADD: DEMOCT: 25-36103-1 Body Section (Complete) 155.27 67.27 10,487.7 59.20 15,493.8 120.92	PART NO		UIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	THENCH
ADD: DENOCT: 0 155.25 (7.27 15.493.8 177.27.25.15.493.8 157.25.15.493.8 15.77.25.15.25.	2 25-36103-	Body Section	(paqa)	155.90	67.27	10,487.7	96.38	15,493.8	100.92	15,7.2.9
25-36103-1	7-3-1									
25-36103-1 Body Section (Complete) 155.22 67.27 10,487.7 99.20 15,493.8 170.92 15,772.	9	ADD:		O						
25-36103-1 Body Section (Complete) 155.22 67.27 19,487.7 59.25 15,493.8 120.92 15,733	2 8 0	DEDUCT:		0						
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13. 14. 15. 16. 17. 18. 18. 18. 18. 18. 18. 18. 18	12.25-36103-	Body Section	te)	55.	67.27	10,487.7		15,493.8	100.92	1 +1
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		6.1.30	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
S S	ASSOCIATE CONTRACTOR	RACTOR BOEING INTERSTAGE 2-3	CONTRACT NO.	AFO4 (694)-046	940-	REDA	REPORT NO.	OPR-2150 6/5/63		
MOD	MODEL NO. SERIAL NO.	WS-133 0000271	DRAWING NO. U.O. MISSILE	25-36103-1 779	7	A 99	PREPARED APPROVED	121		
IE I	i ii	EDUIPMENT CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	ANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	QUIPMENT		ARM	MOMENT	YEY.	MOMENT	КВА	THEMON
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Part No.	ASSOCIAT COMPONEN		BOETNG INTERSTAGE 2-3	1	91/0-(+	R C	PORT NO.		53	
PART NO. DESCRIPTION OF EQUIPMENT AZIS AXIS HODEL NO SERIAL N	. o		25-3610 782	3-1	¥ 3	EPARED PROVED		超兒		
PART NO. DESCRIPTION OF EQUIPMENT ARM MOMENT ARM AR	31		DUIPMENT CHANGE RECORD			WEIGHT	AND BAI	ANCE		
PART NO. DESCRIPTION OF EQUIPMENT ARM NOWENT ARM WOMENT ARM 25-36103-1 Rock Section (As Weighted) 1.56.50 67.12 10,503.6 99.34 15,546.9 100.99 25-36103-1 Rock Section (Complete) 1.56.50 67.12 10,503.6 99.34 15,546.9 100.99				THOISE.	X		Y	AXIS	2	AKIS
25-36103-1 Body Section (As Weighted) 156.50 67.12 10,503.6 99.34 15,546.9 100.99 DEDUCT: 0		Š.	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
25-36103-1 Body Section (Complete) 156.50 67.12 10,503.6 29.24 15,546.9 100.99	225-3610	03-1	E	156.50	67.12		99.34	15,546.9	100.99	15,805.3
25-36103-1 Body Section (Complete) 156,50 67.12 10,503.6 29.24 15,546.9 100.99	7.3									
25-36103-1 Body Section (Complete) 156.50 67.12 10,503.6 39.34 15,546.9 100.99	5		AW:	o						
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Parth No.	₹ 8		BOETING INTERSTAGE 2-3	ONTRACT NO.	AFO4 (694	970-(RE	PORT NO.		8 ~	
PART NO. DESCRIPTION OF EQUIPMENT ARM NOWERT ARM	至 3	ODEL NO. ERIAL NO.	_	RAYING NO.	25-36103 757	구	# & W	EPARED PROVED	W. BAI	2 2	
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	6.1.34	VEIGHT AND	BALANCE CHANGE RECORD	LANGE RE	280				
ASSOCIATE CON	TAGE 2-3	CONTRACT NO.	Aro4(694)-046	940-(# 2	REPORT NO	. OPR-2135	2	
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	ASSOCIATE	ASSOCIATE CONTRACTOR	BOETING CONTRAC	T NO.	APO4 (694) -046	940-	38	REPORT NO.	OPR-2141	14	
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	ASSOCIATE CONTRACTOR COMPONENT	BOETING INTERSTAGE 2-3	7 NO.	APO4 (694) -046	940-(# Y 8	REPORT NO. DATE	5/29/63	3 m	
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PART NO. DESCRIPTION OF EQUIPMENT AND SALANCE		HODEL NO. SERIAL NO.	WS-133 0000280	DRAWING NO. U.O. MISSILE	25-36103 TT	 	# & 	PROVED	G. OGAR	13 B	
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Parth No. HS_133	ASSOCIA	CONTRACTOR	BOETNG INTERSTACE 2-3	CONTRACT	AF04(694	940-(RE	탪	0PR-21	TC.	
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ASSOCIATE CONTRACTOR ROLLING APON (GSA) - OAG			6.2.3	WEIGHT AND BALANCE CHANGE RECORD	SALANCE CE	ANGE RE	OBO				
SELL NO. WE-133 DRAWING NO. 25-36101-1 APPENDED B. WARRENDED W.O. MISSILE PLA1 APPENDED B. WARRENDED WEIGHT AND BALLANCE A AVINE A AVINE A	40	ASSOCIATE CON	BOETNG INTERSTAGE 1-2	6 4	APO4 (694)	940-	E FO	PORT NO.	ı	5	
Part No. Description of Equipment Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Monert Arm Ar	X 0	ERIAL NO.		DAWING NO.	25-36101- 741			PROVED	R. HOLCO	CACE EATDER	
PART NO. DESCRIPTION OF EQUIPHENT VEIGHT X AXIS TAXIS Z AXIS S5-35001-1. Body Section (As Weighted) 342.30 T7.85 26.548.8 99.67 34.117.3 100.31 34.	3		EDITIPATINE CHANGE RECORD				WEIGHT	AND BAI	ANCE		
25-36101-1 Body Section (As Weighed) 342.30 77.85 26.648.8 99.67 34.117.3 100.31 34. 25-36101-1 Body Section (Complete) 342.30 77.85 26.648.8 99.67 34.117.3 100.31 34. 25-36101-1 Body Section (Complete) 342.30 77.85 26.648.8 99.67 34.117.3 100.31 34. 25-36101-1 Body Section (Complete) 342.30 77.85 26.648.8 99.67 34.117.3 100.31 34.	רוא				VETGUP	×	AXIS		AXIS	2	AXIS
25-35101-1 Body Section (As Weighed) 342.30 TT.85 26.648.8 99.67 34.117.3 100.31 34. AND: DEDUCT: O DESUCT:		DESCRIPTION OF EQUIF	WENT	1110101	ARM	MOMENT	ARM	MOMENT	ARA	MOMEST	
AID: DENOT:	77	25-36101-1		(pe	342.30	77.85	26.648.8	79.66	34.117.3	100.31	34.337.0
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ı		6.2.4	4	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE REC	OSCO.				
MENT	11 80 F	LATE CONTRACTOR	BOKTING TWTFRSTACK 1_0	CONTRACT NO.	AFO4 (694)-046	940-	RE	REPORT NO.	OPR-2118 5/8/63	8	
0	0		WS-133	DRAWING NO.	25-36101-1	1	E 2	PREPARED Approvem	JIM HILL	17 0	
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		Namadaca	CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		1 1
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텕	Kr. NO.	a	DESCRIPTION OF EQUIPMENT	UIPMENT		ARM	MOMENT	ARM	HOMENT	AZM	
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12	36101-1	Body	Body Section (Complete	rte)	342.50	ш.п	26,637.7	69.66	34,142.8	100.20	1 1
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)	6.2.5 VEIGHT	AND BA	WEIGHT AND BALANCE CHANGE RECORD	ANGE RE	20180				
ASSOCIATE CONFONDAT HODEL NO. SERIAL NO.	ASSOCIATE CONTRACTOR COMPONENT MODEL NO. SERIAL NO.	BOEING CONTRACT NO. WS-133 DRAWING NO. 0000242 U.O. MISSILE		Aro4(694)-046 25-36101-1 748	3-046		REPORT NO. DATE PREPARED APPROVED	OFR-2121 5/9/63 JIM HILL G. ROBERTS	(E)	
3 N	SAMIDES	EQUIPMENT CHANGE RECORD				VEIGHT	AND BALANCE	LANCE		
PART NO.		DESCRIPTION OF EDITIDMENT		VEIGHT	×	AXIS		Y AXIS	2	AXIS
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225-36101-1		Body Section (As Weighed)		341.50	77.96	9.429.92	99.55	33,997.4	100.38	34,260.4
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1125-36101-1		Body Section (Complete)		341.50	77.96	56.624.6	99.55	33,997.4	100.38	4.280.4
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		6.2.6	WEIGHT AND	AND BALANCE CHANGE RECORD	ANGE RE	නහ				
70	ASSOCIATE CON XONDONENT	ASSOCIATE CONTRACTOR BOETHG CONFONENT TINTERSTAGE 1-2	CONTRACT NO.	AFO4 (694)-046	940-	38 70	REPORT NO. DATE	OPR-2224 5/13/63	3.4	
× 97	NODEL NO. SERIAL NO.	WS-133 0000243	DRAWING NO.	25-36101-1 751	-	E 2	PREPARED APPROVED	G. OCARD	3 62	
31		EDUTPHENT CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		
רש				VETCH	X	AXIS	¥	Y AXIS	2	AXIS
	PART NO.	DESCRIPTION OF EQUIPMENT	QUIPMENT	10010	ARM	MOMENT	ARM	HOMENT	ARM	MOMENT
7	225-36101-1 3	Body Section (As Weighed	1ghed)	340.50	77.88	26,518.5	29.61	33,918.0	100.32	34.159.8
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7	1125-36101-1	Body Section (Complete	ete)	340.50	77.88	26,518.5	39.61	33,918.0	100.32	34,159.8
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		6.2.8	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE REX	080 080				
	ASSOCIATE CON	CONTRACTOR BOKING	CONTRACT NO.	Aro4(694)-046	340-(RE	REPORT NO.	OPR-2113	9	
	HODEL NO. SERIAL NO.	WS-133 0000249	DRAWING NO. U.O. MISSILE	25-36101-1 739	-	* # & 	PREPARED APPROVED	W. BAIRD G. ROBERTS	O STATS	
3		CHANGE RECORD				VEIGHT	WEIGHT AND BALANCE	ANCE		
רוא				WEIGHT	×	AXIS	Y	AXIS	2	AXIS
╝	PART NO.	DESCRIPTION OF EQU	EQUIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	WOMENT
N	25-36101-1	Body Section (As Weighed)	ghed)	341.75	78.05	26,672.9	85.66	34,032.0	100.33	34,283.9
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<u> </u>	25-36101-1	Body Section (Complete	te)	341.75	78.05	26,672.9	99.58	34,032.0	100.33	34,288.9
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	CONTRACTOR DOLLING			Ğ	5	İ	7	
	INTERSTACE 1-2		9	8 6	REFORT NO.	1 1	اه	
SERIAL NO.	0000250 U.O. MISSILE	22-30101-1 742		ž 2 	PREPARED APPROVED	G. ROBERTS	TKTS	
	EDUTPHENT CHANGE RECORD			WEIGHT	AND BALANCE	ANCE		
		WEIGHT	×	ا ۲	Y	AXIS	Z	AXIS
PAKE NO.	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	ARA	MOMENT	ABA	THEMON
25-36101-1	Body Section (As Weighed)	342.95	77.99	26,746.8	29.75	34,208.4	100.17	34,352.5
	Ald):	0						
	DEDUCT:	0						
25-36101-1	Body Section (Complete)	342.95	77.99	26,746.8	99.75	34,208.4	100.17	34,352.5

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BOEING NO. D2-13946-6

ASSOCIATE CONTRACTOR DELING APOL (Gold) - Old APOL (Gold) -			6.2.10	WELVIEL AND DALANCE CRANCE RECORD			W. L.				
STREPLE NO. WE1-133 DRAWING NO. 25-36101-1 PREPARD JULY HILL			BOETING	CONTRACT NO.	AFO4(694)	940-		PORT NO.	1	6	
PANET NO. DESCRIPTION OF EQUIPMENT VEIGHT AND MALANGE		CODEL NO.	1	DRAWING NO.	25-36101-			SPARED PROVED	STIM HELD	7 E	
Part No. Description of Equipment Part No. Part	<u></u>										
PART NO. DESCRIPTION OF EQUIPMENT WEIGHT ARM HOWERT AR			EQUIPMENT CHANGE RECORD				VEIGHT	AND BAI	ANCE		
25-35101-1 Body Section (As Weighed) 342.30 77.92 25,672.9 99.55 34,077.4 100.40 25-35101-1 Body Section (Complete) 342.30 77.92 25,672.9 99.55 34,077.4 100.40 25-35101-1 Body Section (Complete) 342.30 77.92 25,672.9 99.55 34,077.4 100.40	<u>rn</u>				VETGHT.	X	AXIS	¥	AXIS	2	AKIS
25-35101-1 Body Bection (As Weighed) 3#2.30 77.92 26,672.9 99.55 34,077.4 100.40 25-35101-1 Body Bection (Complete) 342.30 77.92 26,672.9 99.55 34,077.4 100.40		1	DESCRIPTION OF E	QUIPMENT		ARM	MOMENT	ARM	HOMENT	ARM	NOMENT
25-3501-1 Body Section (Complete) 342.30 77.92 26.672.9 99.55 34,077.4 100.40	<u> </u>	25-36101-1		at ohed)	UE दग्र	200 22	0 647 70	33 00	i my ic	2	0 275 15
25-36/101-1 Body Section (Complete) 342, 30 77.92 26,672.9 99.55 34,077.4 100.40	11	8		/	2	32-	500000	22.22	74.174	***	200
25-3601-1 Body Section (Complete) 342.30 77.92 26,672.9 99.55 34,077.4 100.40	1										
25-36/01-1 Body Section (Complete) 342.30 77.92 26.672.9 59.55 34.077.4 100.40	1		A.D.:		0						
25-3601-1 Body Section (Complete) 342.30 77.92 26,672.9 99.55 34,077.4 100.40	Ľ	,									
25-36101-1 Body Section (Complete) 342.30 TT.92 26,6T2.9 99.55 34,0TT.4 100.40			DEDUCE:		0						
25-36101-1 Body Section (Complete) 342,30 TT.92 26,672.9 99.55 34,0TT.4 100.40	<u> </u>										
	13	25-36101-1	1	lete)	342.30	77.00	26.672.9	99.55	34.077.4	100.40	34.365.9
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NO.D2-13946-6

SERIAL INC. SECURITY CONTRINCTOR SUSTRICT NO. APRIL (594) -046	لِـا			6.2.11	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	ORD.				
PARTAL NO. 185-133 DRAWING NO. 255-36/DOL-1 PREPARED R. ST. ROWLING NO. 195-133 DRAWING NO. 195-134 PREPARED C. O. MISSILE T49 APROVED C. ROBERT ARM	,,	SSOCIATE CON	TRACTOR	STAGE		AFO!! (691)	9110-	BE	PORT NO	1	2	
PEGCRIPTION OF EQUIPMENT PUTCHT AND BALANCE AND ESCRIPTION OF EQUIPMENT AND		SDEL NO.		WS-133	DRAWING NO.	25-36101-		E :	EPARED PROPERTY	R. ST.	ROMATIV	
PROUPPLEMENT CHANGE REDORD	<u> </u>	ELAL ING.		0000228	anteen and	(43		*	FROW ELL	G. ROBE	KID	
New New	1E		NAMATIONA	IT CHANGE RECORD				WEIGHT	AND BA	LANCE		
: Park No. DESCRIPTION OF EQUIPHENT ARM HONERY ABM HONERY ABM 13, 25.101-1 225-36101-1 Dody Section (As Weighted) 339,70 77.88 26, 155.3 99.51 33, 255.0 100.41 1.2	T D	I				VETGHT	×		¥	AXIS		AXIS
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1 Body Section (Complete) 339.70 77.88 26,455.3 99.51 33.805.0 100.41	n		ADD			0						
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1 Body Section (Complete) 339.70 77.88 26,455.3 99.51 33.805.0 100.41	8		DEDUC	T:		0						
1 Body Section (Complete) 339.70 T7.88 26,455.3 99.51 33,805.0 100.41	9											
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 		6.2.12	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RD	20120				
· · · · ·	ASSOCIATE CONTRACTOR COMPONENT	BOEING INTERSTACE 1-2	CONTRACT NO.	AFO4 (694)-046	940-	RE	REPORT NO.	OPR-2125 5/13/63	25	
	MODEL NO. SERIAL NO.	WS-133 0000253	DRAWING NO. U.O. MISSILE	25-36101-1 752	-	E 2	PREPARED APPROVED	G. CCARD	3 2	
3.5		EDUIPHENT CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	LANCE		
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	225-36101-1	Body Section (As Weighed	ned)	339.65	77.92	26,464.8	99.63	33,838.5	100.29	34,062.4
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		6.2.13 VEIGHT AND	AND BALANCE CHANGE RECORD	ANGE RE	2000				
28 x 8	ASSOCIATE CONTRACTOR COMPONENT HODEL NO. SERIAL NO.	DOELING CONTRACT NO. INTERSTAGE 1-2 LOT NO. WE-133 DRAWING NO. COOCE54 U.O. MISSILE	Aro4(694)-046 25-36101-1 755	940-1	1	REPORT NO. DATE PREPARED APPROVED	0FR-2128 5/15/63 T. VOCEL G. OGAED	8	
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	PART NO.	DESCRIPTION OF EQUIPMENT	***************************************	ARM	MOMENT	ARM	MOMENT	АВЯ	TWEMOX
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目	1125-36101-1	Body Section (Complete)	341.65	77.91	26,619.9	64.66	33,995.9	100.26	34.275.2
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ASSOCIATE CONTRACTOR ENGINEERING 2007/2012 25-56.012.1 25-56.0			6.2.14 VEIGHT AN	Weight and Balance Change Record	LANGE RE	2080				
No. No.	< 0		BOETING TWITTERSTAGE 1-9	1 ·	940-	38	PORT NO.		17	
Part No. Descritor of Equipment Veight Arm A	- X W	ODEL NO. ERIAL NO.				% & & 	PROVED	JIM HII G. ROPE	LL STATES	
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25-3601-1 Body Section (Complete) 342.95 77.82 26,686.7 99.67 34,182.3 100.20 34,	9		Ami	0						
25-36101-1 Body Section (Complete) 342.95 77.82 26,686.7 99.67 34,182.3 100.20 24,	७									
25-36101-1 Body Section (Complete) 342.95 77.82 26,686.7 39,67 34,182.3 100.20 34,	ď		Der Iven	-						
25-36101-1 Body Section (Complete) 342.95 77.82 26,686.7 99.67 34,182.3 100.20 34,	0		DEMOCE	0						
25-36101-1 Body Section (Complete) 342.95 77.82 26,686.7 99.67 34,182.3 100.20 34,	19	1								
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BOEING NO.D2-13946-6

ASSOCIAÇE CONTRACTOR ENERGY ENERGY ENGRACTOR				6.2.15	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	SES				
NEW PART NEW PART	SS S	CCIATI		BOEING	CONTRACT NO.	AFO4 (694	940-(38	PORT NO.	1	Q	
PART NO. DESCRIPTION OF EQUIPMENT ARK NOWERT ARK	S 88	IAL NO	· . · .	WS-133 0000256	DRAWING NO.	25-36101 7 ⁴ 7		1	PROVED	JUN HILL G. ROBE	L	
PART NO. DESCRIPTION OF EQUIPMENT Weight ARM MONENT ARM MONENT ARM MONENT ARM	3		SAMITTEMES	WP CHANGE PEOORD				WEIGHT	AND BAL	ANCE		
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		6.2.16	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	නග				
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		6.2.17	WEIGHT AND BALANCE CHANGE RECORD	SALANCE CE	ANGE REC	ORO				
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36101-1) Pog	Body Section (Complete	re)	342.05	77.91	26,648,6	99.61	34,071.6	100.22	34,231.8
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PART NO. DESCRIPTION OF EQUIPMENT VEIGHT ARM MONENT AR	SER	EL NO.		25-36080- 763		5 & &	EPARED PROVED	W. BAIRD		
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		6.2.21	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE REC	ORD				
∢ 0	ASSOCIATE CON COMPONENT	CONTRACTOR BOETING INTERSTAGE 1-2	CONTRACT NO.	AFO4(694)-046	940-(REPOR	REPORT NO.	OPR-2139 5/22/63	8 -	
X W	HODEL NO. SERIAL NO.	WS-133 0000262	DRAWING NO. U.O. MISSILE	25-36101-1 766	7	8	PREPARED APPROVED	R. ST. ROWAIN B. WARRENDER	ROWA IN LEYDER	
3)		EDUTEMENT CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		
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Control Cont			6.2.22	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	S) (S)				
NOTE NO. NOTE NO.			BOETING	64	AFO4 (694)	940-	RE	PORT NO.	OPR-21 5/28/6	242	
PART NO. DESCRIPTION OF EQUIPMENT PART NO. AUGUST AND BALANCE PART NO. DESCRIPTION OF EQUIPMENT PART NO. DESCRIPTION OF EQUIPMENT PART NO. PART N		CODEL, NO.		DRAWING NO.	25-36101	 	: E :	SPARED	R. ST.	ROWATH	
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4	ASSOCIATE CONTRACTOR	TRACTOR BOEING	F 70.	APO4 (694)-046	940-1	22	REPORT NO.	ı	2	
8	COMPONENT	INTERSTAGE 1-2	LOT NO.			4	DATE	5/31/63		
K 3	MODEL NO. SERIAL NO.	WS-133 0000264	DRAWING NO.	25-36101-1 773	ا ار	8 8 	PREPARED APPROVED	R. ST. ROWALN B. WARRENDER	ROWALN	
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	PART NO.	DESCRIPTION OF EQUIPMENT	UIPMENT	1	ARK	HOMENT	ARM	HOMENT	ARM	THON
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N	225-36101-1	Body Section (As Weighed)	(paqg)	342.55	77.81	26,655.1	99.56	34,105.1	100.34	34.370.3
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귀	125-36101-1	Body Section (Complete	te)	342.55	77.81	26,655.1	95.66	34,105.1	100.34	34.370.3
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	ASSOCIATE CONT	12	CONTRACT NO.	Aro4(694)-046	3-046	38 40	REPORT NO.	OPR-2131 5/16/63		
	HODEL NO. SERIAL NO.		DRAWING NO. U.O. MISSILE	25-36101-1 758	1	 	PREPARED APPROVED	W. BAIRD		
			'			Env467	SOURT TANK THE STATE OF	00N.		
INE		EQUIPMENT CHANGE RECORD			*	AYTS	AMU DAL	AYTS	2	3775
	PART NO.	DESCRIPTION OF EQUIPMENT	T	WEIGHT	ARM	MOMENT	ARM	MOMENT	YEY YEY	TACACA
7	2 25-36101-1	Body Section (As Welched)		340.75	78.00	1 1	83	33 039 0	100	24 122 0
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42	1-10104-02	Body Section (Complete)		340.75	78.00	26,578.8	99.58	33,932.0	100.33	34,133.9
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NO. D2-13946-6

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₹ 8	ASSOCIATE CO	CONTRACTOR BOETING CONTRACT NO. INTERSTAGE 1-2 LOT NO.	Aro4(694)-046	940-(N N	REPORT NO.	. OPR-2134	75.00	
X W	HODEL NO. SERIAL NO.		25-36101-1 761			PREPARED APPROVED	W. BAIRD G. CGARD	包包	
31		STUTPMENT CHANGE RECORD			WEIGHT	WEIGHT AND BALANCE	LANCE		
רוא			VEIGHT	X	AXIS	Y	AXIS	2	AXIS
	PART NO.	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
HN	2 25-36101-1	Body Section (As Weighed)	341.65	68.17	26,611.0	93.60	34,027.5	100.35	34,251.5
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ने	1-10195-52111	Body Section (Complete)	341.65	77.89	26,611.0	8	34,027.5	100 35	34,251.5
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		6.2.26	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	නග				
	ASSOCIATE CONTRACTOR COMPONENT	TRACTOR BOETING INTERSTRAGE 1-2	CONTRACT NO.	Aro4(694)-046	940-	RE	REPORT NO.	OPR-2137 5/27/63		
	HODEL NO. Serial no.	WS-133 0000267	DRAWING NO.	25-36101-1 764		# & 	PREPARED APPROVED	W. BAIRD G. OGARD		
31		EDUTPHENT CHANGE RECORD				WEIGHT	AND BALANCE	ANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	UIPMENT	111017	ABA	MOMENT	ARM	HOMENT	ASA A	TANDWOX
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"	2 25-36101-1	Body Section (As Weighed	[ghed]	342.00	77.94	26,655.1	45.66	34,043.3	100.47	34,359.3
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नः	25-36101-1	Body Section (Complete)	ete)	342.00	77.94	26,655.1	99.5年	34,043.3	100.4T	24.359.3
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		6.2.27	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	S)				
	ASSOCIATE CONTRACTOR	RACTOR BOETHO		AFO4 (694)-046	940	BE	REPORT NO.	ŀ	Ω,	
	MODEL NO. SERIAL NO.	MS-133 0000268	DRAWING NO.	25-36101-1 767		PREP,	DATE PREPARED APPROVED	5/2[/63 R. ST. ROMIN B. WARREIDER	ROMATIV RE:DER	
31		EDITIPATAT CHANGE RECORD	68			WEIGHT	AND BALANCE	LANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	POULPMENT		ARM	MOMENT	A.	HOMENT	A.S.A.	THEMON
1	2 25-36101-1	Body Section (As	(As Weighed)	340.95	77.87	26.549.6	99.52	33,932.8	100.27	34,186.9
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F	25-36101-1	Body Section (Cor	(Complete)	340.95	77.87	26,549.6	8	33,932.8	100.27	34,186.9
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		6.2.28	Weight and Balance Change Record	SALANCE CH	LANGE RE	ORD.				
K Z C F	ASSOCIATE CONT COHPONENT MODEL NO. SERIAL NO.	CONTRACTOR BOEING CON INTERSTACE 1-2 LOT WS-133 DRA OCCO269 U.O	CONTRACT NO. LOT NO. DRAWING NO. U.O. MISSILE	ATO4 (694)-046 25-36101-1 TT2)-046		REPORT NO. DATE PREPARED APPROVED	OPR-2144 6/3/63 R. HOLOGEB B. WARRENDER	A COMB	
INE	3	EQUIPMENT CHANGE RECORD				WEIGHT	AND B	LANCE		
rı	PART NO.	DESCRIPTION OF EQUIPMENT	ENT	WEIGHT	ARM	MOMENT	ARM Y	Y AXIS	Z WZY	NOWENT
7	25-36101-1	Body Section (As Weighed)	d)	341.75	77.82	26,594.8	.99.55	34,021.0	100,36	34,297.2
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ने	25-36101-1	Body Section (Complete)		341.75	77.82	26,594.8	99.55	34,021.0	100.36	34.297.2
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	ASSOCIATE CON	CONTRACTOR BOKENG	CONTRACT NO.	APO4(694)-046	940	2 2	REPORT NO.	OPR-2146	9	
_	MODEL NO.	71	DRAWING NO.	1-10175-36		8 6	DREEDARED	0/2/63	BOLGA THE	
	SERIAL NO.	11	U.O. MISSILE	12		: 8 	APPROVED	B. WARRENDER	EOER	
31		EDUIPMENT CHANGE RECORD			-	VEIGHT	AND BALANCE	LANCE		
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	PART NO.	DESCRIPTION OF EQUI	EQUIPMENT	11017	ARM	MOMENT	ARM	TYZHOX	1	NOWENT
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			6.2.30		WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	LANGE REX	ONO				
ASSOCIATE	8 H	ASSOCIATE CONTRACTOR	BOETNG INTERSTAGE 1-2	GE 1-2	CONTRACT NO.	AFO4 (694)-046	940-(1	38 40	REPORT NO.	OPR-2150		
NODEL NO SERIAL N	÷ 2.	·	WS-133 0000271		DRAWING NO. U.O. MISSILE	25-36101-1 TT9	 - -	# # *	PREPARED APPROVED	R. ST. J	ST. ROMAIN WARRENDER	
31	-	EDUTPHENT CHAN	T CHANGE	GE RECORD				VEIGHT	AND BALANCE	ANCE		
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PART	2	a	DESCRIPTION OF	IN OF EQU	EQUIPMENT		ARM	MOMENT	ARM	MOMENT	AZY.	HAT WON
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11 25-36101-1	101-1	Body	Body Section	(Complete	te)	340.30	77.93	26,520.7	99.56	33,881.5 100.28 34,126.0	100.28	34,126.0
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NODEL NO. NO.	5500		TRACTOR	BOETNG		CONTRACT NO.	APO4 (694	940-(RE	보	' '		
### PART NO. DESCRIPTION OF EQUIPMENT WEIGHT AND BALLANCE 25-36101-1. Body Section (As Weighted) 340.15 77.50 26,498.3 99.66 33,898.1 100.28 25-36101-1. Body Section (Complete) 340.15 77.90 26,498.3 99.66 33,898.1 100.28 25-36101-1. Body Section (Complete) 340.15 77.90 26,498.3 99.66 33,898.1 100.28 1	·	ODEL NO.	. •	WS-133		DRAWING NO.	25-36101		A A	EPARED PROVED	T. VOGE		
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1025-36101-1 Body Section (Complete) 340.15 77.90 26, 1986.3 99.66 33,898.1 100.28 11.25-36101-1 Body Section (Complete) 340.15 77.90 26, 1986.3 99.66 33,898.1 100.28 13. 13. 13. 13. 13. 13. 13. 13. 13. 13.	10												
11125-36101-1 Body Section (Complete) 340.15 77.90 26,496.3 99.66 33,898.1 100.26 12 13 14 15 16 17 18 19 19 19 20 20 21 22 23 24 24 25 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	13												
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		9	6.2.32	WEIGHT AND	BALANCE CHANGE RECORD	ANGE REX	ORD				
46	ASSOCIATE CON	CONTRACTOR BO		CONTRACT NO.	APO4 (694)-046	940-	38	REPORT NO.	OPR-2156	92	
S E Ø	MODEL NO. SERIAL NO.	488	WS-133 0000273	DRAWING NO. U.O. MISSILE	25-36101-1 785		# # # # # # # # # # # # # # # # # # #	PREPARED APPROVED	5. OCARD	7 8	
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	PART NO.	DESC	description of equ	EQUIPMENT		ARM	MOMENT	ARK	MOMENT	ARY	TREMOK
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ASSOCIATE CONTRACTOR BOETHO APPLICAGE			6.2.33	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	ORO				
No. No.	₹ 8		BOEDNG		APO4 (694	940-(2	PORT NO.			
EQUIPMENT CRANGE RECORD WEIGHT X AXIS PART NO. DESCRIPTION OF EQUIPMENT AND NALANCE 25-36101-1 Body Section (As Weighes) 341.80 77.93 26,636.3 99.56 34,030.1 100.29 25-36101-1 Body Section (Complete) 341.80 77.93 26,636.3 99.56 34,030.1 100.29	# V	DEL NO.			25-36101	7		EPARED PPARED	W BATE	9	
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48	ASSOCIATE COMPONENT	CONTRACT	BOETING	CONTRACT NO.	APO4 (694) -046	940-(RE	REPORT NO.	OPR-2135 5/20/63	2	
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	25-36101-1	\prod	Body Section ((Complete)	339.20	77.93	26,433.7	99.61	33,788.0	100.39	34,051.9
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Section Complete C			6.2.35	1	BALANCE CH	ANGE REC					
No. WS-133 DRAVING NO. 25-36101-1 PRE	~ U	SSOCIATE CONTRACT MPONENT	OR BOEING INTERSTAGE 1-2	6 6	AFO4 (694)	940	2	REPORT NO. DATE	5/21/63		
PART NO. DESCRIPTION OF EQUIPMENT VEIGHT X AXIS	~ v1	DEL NO. ERIAL NO.	WS-133 0000277	DRAWING NO. U.O. MISSILE	25-36101- 765	-	8 8 	SPARED PROVED	W. BATRD G. OGARD		
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۵ ⊳	ASSOCIATE COMPONENT	CONTRACTOR		CONTRACT NO.	APO4 (694) -046	940-1	AC	REPORT NO.	5/20/63	13	
<u> </u>	HODEL NO.		WS-133	DRAWING NO.	25-36101-1	1	E.	PREPARED	R. HOL	HOLCOMB	
v)	SERIAL NO.		0000279	U.O. MISSILE	111		¥	APPROVED	B. WARRENDER	RENDER	
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			6.2.38	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE REC	2080				
₹ 0	ASSOCIATE CONTRACTOR COMPONENT	ONTERACTOR	DOETHG INTERSTACE 1-2	CONTRACT NO.	APO4 (694) -046	940-	PE DA	REPORT NO. DATE	0PR-2148 6/5/63	8	
<u> </u>	MODEL NO. Serial no.		WS-133 0000280		25-36101-1 TT		# & W	PREPARED APPROVED	R. ST. ROMAIN B. WARREIDER	ROMAIN	
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		6.2.39	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CRD			
	ASSOCIATE CONTRACTOR COMPONENT	BOETNG INTERSTACE 1-2	CONTRACT NO.	APO4 (694)-046	970-	# A	REPORT NO.	0FR-2151 6/10/63	
	NODEL NO. SERIAL NO.		MO.	25-36101-1 780			PREPARED APPROVED	R. HOLCOMB B. WARREND	ומומו
ZN		EQUIPMENT CHANGE RECORD				VEIGH	WEIGHT AND BALANCE	ANCE	l i
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_[PART NO.	DESCRIPTION OF EQUIPMENT	MENT		ARM	MOMENT	ARM	MOMENT	٦,
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∢ 0	ASSOCIATE CONTRACTOR COMPONENT	TRACTOR 1	DETING INTERSTAGE 1-2	CONTRACT NO.	APO4(694)-046	940-	E AC	REPORT NO.	OPR-2154	ત્	
X W	MODEL NO. Serial no.	* °	WS-133 0000282		25-36101-1 783		# 2	PREPARED APPROVED	B. WARREIDER	ROWALIN	
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	PART NO.	SIG	DESCRIPTION OF EQUIPMENT	UIPMENT	111072	ARM	MOMENT	ARM	HOMENT	NS.Y	MOMENT
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न	1125-36101-1	Body Section	ection (Complete)	te)	340.15	77.87	26,486.3	39.66	33,884.4	100.31	₹.119.3
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50-0	ASSOCIATE CONTRACTOR	CONTRACTOR	BOETNG CE 1-2 1	CONTRACT NO.	AFO4(694)-046	910	RE	REPORT NO.	0PR-2157		
	MODEL NO.		1 1	0.0	25-36101-1		E 9	PREPARED	R. HOLCOMB	ONB	
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		6.2.42 VE	WEIGHT AND B	AND BALANCE CHANGE RECORD	ANGE REC	QEQ.				
A & & B	ASSOCIATE CONTRACTOR COMPONENT MODEL NO. SERIAL NO.	BOETNO INTERSTACE 1-2 WS-133 CCCC285	CONTRACT NO. LOT NO. DRAWING NO. U.O. MISSILE	Aro4(694)-046 25-36101-1 778	940-(-	3 2 % 3	REPORT NO. DATE PREPARED APPROVED	0PR-2149 6/3/63 W. BAIRD G. OGARD	9 88	
NE		EQUIPMENT CHANGE RECORD				VEIGHT	AND B	BALANCE		
+	PART NO.	DESCRIPTION OF EQUIPMENT	M	VEIGHT	ARM	AX IS MOMENT	T ARM	Y AXIS MOMENT	Z KEY	AKIS
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4	25-3600-1	Body Section (Complete)		341.05	77.96	26,587.5	99.59	33,964.8	100.35	4, 452, 46
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	HODEL NO. SERIAL NO.		WS-133 0000286		NO.	25-36101-1 781		E 2	PREPARED APPROVED	W. BAIRD G. OGARD	9,9	
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r in			TOWNS THE			VETGE	X	AXIS	H	Y AXIS	2	AXIS
	PART 10.	. 0.	DESCRIPTION	DESCRIPTION OF EQUIPMENT	MT		ARK	MOMENT	ARM	HOHEST	ARA	MOMENT
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नः	1125-36101-1	\perp	Body Section	(Complete)		342.10	77.97	26,675.0	93.69	34,104.1	100.41	34.348.7
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MS-133 DRAWING NO. 25-56101-1 APEDVED S. HOLOZOZOZOZOZOZOZOZOZOZOZOZOZOZOZOZOZOZO	ASSOCIATE CONTRACTOR COMPONENT	ð		G STACE 1-2	CONTRACT NO. LOT NO.		940	2 2	PORT NO	•	5	
PROTPHENT CHANGE RECORD VEIGHT AND BALANCE	NODEL NO. SERIAL NO.		WS-13	34	DRAWING NO. U.O. MISSILE	25-36101-1 784		E 2	PROVED	R. HOLO	CA/CB ERIUDER	
DESCRIPTION OF EQUIPMENT VELGHT ANT ANT ANT ANT ANT ANT ANT ANT ANT ANT ANT			EQUIPMENT CHAN	GE RECORD				WEIGHT	AND BA	LANCE		
DESCRIPTION OF EQUIPMENT ARM HOMENT AND DESCRIPTION OF EQUIPMENT AND HOMENT						VETGUT	X		¥	AXIS	2	Z AXIS
Body Section (As Weighed) 342.35 77.94 26,684.3 99.63 34,107.1 DEDUCT: 0	PART NO.		DESCRIP	TION OF EQU	IPMENT			L		HOMENT	ABA	MONEDIT
Body Section (As Weighed) 342.35 Tr.94 26,634.3 99.63 34,10T.1								i.				
AND: DEMOCT: DeMoCT: Dedy Section (Complete) 342,35 TT.94 26,634,3 99,63 34,107.1	225-36101-1	4		1	thed)	342.35	77.94	<u>1L</u>	99.63	34,107.1	100.30	24.329.3
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Z	HODEL NO.		WS-133	DRAWING NO.	25-36101-1	٦	(E	PREPARED	W. PAIRO		
v)	SERIAL NO.	•	6450000	U.O. MISSILE	759		₹ 	APPROVED.	G. OGARD		
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14:	11 25-36101-1	Body	Body Section (Complete	lete)	340.70	78.03	26,585.3	29.47	33,888.5	100.35	34,188.0
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SERIAL NUMBER: 0000230	HISSILE WEIGHING CHECK LIST	٠	FINAL ASSEMBLY DRAWING NO.			d Missile COMPO	PART NO.	25-36030-1	25-36031-1	NAS 514P332-8	NAS 605-10	25-37345-1	29-28033-1	25-36624-1	29-28647-1	29-28847-2	25-30134-30	BMS-5-62																	
SERIA		-	WS-133		64	HISSILE COMPONEVIB <u>ody Section-Guid</u> ed Missile COMPONENT PART NO.	TION					RC & CILI Com.		RC Cable	oport	oport	uc															-			
	6.3.1		HODEL		SECTION	COMPONENT	DESCRIP	n Assembly							Cable Support	Bracket Cable Support	Marking Installation	מנ							Weight:	Insulation Weight:	Weight:					•			
	CHECK LIST NO.					HISSILE		Body Section Assembly	Skirt	Screw	Screw	Support	Bracket	Bracket	Bracket	Bracket	Marking 1	Insulation							Structure Weight:	Insulatio	BMS-5-62 Weight:								
		_	DATE		RBER	UN H	311																		_										

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27.506.1 27.506.1 THUNON Z AXIS 5/3/63 R. ST. ROMAIN G. RCBERTS 68.78 18,801.5 100.69 27,522.6 100.63 100.63 8 0PR-2114 27,522.6 ARM MOMENT WEIGHT AND BALANCE I AXIS REPORT NO. 100.69 PREPARED APPROVED X AXIS
HOMENT 68.78 18,801.5 WEIGHT AND BALANCE CHANGE RECORD ARM AFO4 (694)-046 25-36080-1 740 273.35 273.35 WEIGHT d 0 CONTRACT NO.
LOT NO.
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U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete) EQUIPMENT CHANGE RECORD ASSOCIATE CONTRACTOR BOEING
COMPONENT
MODEL NO.
SERIAL NO.
OCCOC230 DEDUCT ä 2 25-36080-1 11 25-36080-1 PART NO. TIME

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					VEIGHT	AND BALANCE	ANCE		
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PART NO.	DESCRIPTION OF E	EQUIPMENT		ARM	MOMENT	ARM	HOMENT	ARA	TICENON:
225-36080-1	Body Section (As Weighed)	ghed)	272.90	68.58	18.709.0	100.47	27.407.8	100.61	27.445.6
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11 25-36080-1	Body Section (Complete	rte)	272.90	68.58	18.709.0	100.47	100.47 27.407.8	100.61	27,44.5.6
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	·	6.3.1	VEIGHT AND E	AND BALANCE CHANGE RECORD	ANGE RE	CORD				
< 0	ASSOCIATE CONTRACTOR COMPONENT	BOETHG	CONTRACT NO.	APO4 (694) -046	940-(2 2	REPORT NO.	OPR-2115 5/3/63	2	
X 00	NODEL NO. SERIAL NO.	WS-133 0000240	DRAVING NO. U.O. MISSILE	25-36080-1 7 ⁴ 1	F.		PREPARED APPROVED	JIM HILL G. ROBERIS	THE SERVICE OF THE SE	
AE		EQUIPMENT CHANGE RECORD				WEIGHT	WEIGHT AND BALANCE	LANCE		
רם				VEIGHT	X	AXIS	Y	AXIS	2	AXIS
	PART NO.	DESCRIPTION OF EQUIPMENT	TIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
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=	25-36080-1	Body Section (Complete)	(e)	273.85	68.73	18.822.1	100.62	27.554.5	100.57	27.541.5
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		6.3.5 W	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RD	ORO.				
70	ASSOCIATE CONTRACTOR COMPONENT	BOKUNG	CONTRACT NO.	ATO4(694)-046	940-	28 AG	REPORT NO. DATE	5/9/63	5	
	HODEL NO. SERIAL NO.	WB-1334 DRAI 0000242 U.O.	NO.	25-36080-1 748		2 3 	PREPARED APPROVED	R. ST. ROWAIN G. ROBERTS	ROWAIN	
3		PONTPARAT CHANGE RECORD				VEIGHT	AND BALANCE	ANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	ENT	TOOTON	ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
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4	25-36080-1	Body Section (As Weighed		274.15	68.67	18,826.5	100.42	27,530.1	100.56	27,567.9
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7	25-36080-1	Body Section (Complete)		274.15	68.67	18.826.5	100.42	27.530.1	100.55	27.567.9
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	6.3.6 WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	0303				
ASSOCIATE CONTRACTOR	SOUTH CONTRACT NO.	APO4(694)-046	940-	2 2	REPORT NO.		7.	
NODEL NO. SERIAL NO.	NO.	25-36080-1 751	4	8	PREPARED APPROVED	5/9/63 JIM HILL G. ROBERTS	T. STATES	
81	ENTENDER CHANGE PROSED		•	VEIGHT	PE P	BALANCE		
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TAKE NO.	DESCRIPTION OF EQUIPMENT		ARM	HOMESAT	ARM	HOMENT	VSA V	MOMENT
225-3606-1	Body Section (As Welched)	27.55	68.75	18,667.9	100.62	27,324.5	100.64	27,329.8
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11 25-36080-1	Body Section (Complete)	27.55	68.75	18 K67 0	69 W.	27 20k E	12001	900 B
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		6.3.7	VEIGHT AN	AND BALANCE CHANGE RECORD	ANGE REC	ORO				
	ASSOCIATE CONTRACTOR	•	G CONTRACT NO.	940-(469)4028	940-	RE AG	REPORT NO.	5/13/63	77.	
~	NODEL NO. SERIAL NO.	WB-133 0000244		25-360Rc-1	-	E 2	PREPAREJ APPROVED	G. OGARD	H &	
1 5		COCCO STANDS COCCO	ac decorate			VEIGHT	AND BALANCE	TORE		
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न	125-36080-1	Body Section	on (Complete)	272.40	68.TI	18.718.0	100.57	27,396.8	100.60	27,402.1
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68.67 18.719.1 100.44 27.380.5 100.62 27.429.3 68.67 18.719.1 100.44 27.380.5 100.62 W. BAIRD
G. OBERTS KOMENT Y AXIS WEIGHT AND BALANCE REPORT NO. APPROVED PREPARED ABA A X AXIS HOMENT WEIGHT AND BALANCE CHANGE RECORD ATO4 (694)-046 ARK 25-36080-1 739 272.60 272.60 VEIGHT 0 0 CONTEACT NO.
LOT NO.
DRAWING NO.
U.O. HISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete) EQUIPMENT CHANGE RECORD SICHE SICHE WB-133 OCOOS49 DEDUCE

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2 25-36080-1

PART NO.

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OPR-2113 5/2/63

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MODEL NO. SERIAL NO.

ASSOCIATE CONTRACTOR COMPONENT

27,533.7 68.72 18,796.2 100.41 27,463.3 100.67 27,533.7 NOW. SIXY 2 100.67 2 0PR-2116 5/6/63 W. BAIRD G. ROBERIES 27,463.3 HOMENT WEIGHT AND BALANCE I AXIS PREPARED APPROVED 100.41 ARM DATE 18,796.2 MOMENT X AXIS WEIGHT AND BALANCE CHANGE RECORD 68.72 ARK ATO4(694)-046 25-36080-1 Th2 273.50 VEIGHT 273.50 d 0 CONTRACT NO. LOT NO. DRAYING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Dedy Section (As Weighed) Bedy Section (Complete EQUIPMENT CHANGE RECORD ASSOCIATE CONTRACTOR POSITING
CONFORMER
HODGE, NO. 185-133
SERIAL NO. 0000250 DISTORT: ADD: m 25-36080-1 2 25-36080-1 PART NO. PINE

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100.58 27,311.7 27.33.7 NO-Z AXIS 100.58 ABS. 0PR-2119 5/9/63 R. HOLCOMB G. ROBERTS 27,299.1 100.53 27,299.1 HOMENT WEIGHT AND BALANCE Y AXIS REPORT NO. 100.53 PREPARED APPROVED AB BE 68.70 18,654.8 68.70 18,654.8 X AXIS MOMENT WEIGHT AND BALANCE CHANGE RECORD ARM APO4(694)-046 25-36080-1 746 WEIGHT 27.55 27.55 9 0 CONTRACT NO.
LOT NO.
DRAVING NO.
U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete) EQUIPMENT CHANGE RECORD SECTOR SECTOR WS-133A 0000251 DEDUCE LESOCIATE CONTRACTOR ADD: 11 25-36080-1 2 25-36080-1 PART NO. SERIAL NO. CONFORMER HODEL NO. TIME

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		6.3.11	1	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CORD				
48		CONTRACTOR BOETH	THE THE	CONTRACT NO.	940-(469)404V	940-1	20 20	REPORT NO. DATE	1 1	8	
28	HODEL NO. SERIAL NO.	WB-13	133	DRAVING NO. U.O. MISSILE	25-36080-1	7	 E &	PREPARED APPROVED	R. HOLCOMB G. ROBERTS	STATES	
3		EDITIPIENT CHAN	ANGE RECORD				VEIGHT	AND BALANCE	LANCE		
ישו					VETGRE	X	AXIS	Y	AXIS	2	AXIS
L	PART NO.	DESCR	DESCRIPTION OF E	EQUIPHENT		ABH	MOMENT	ARM	MOMENT	KEY	YOMEST.
-12	225-36080-1	Body Section	g	(As Weighed)	20.75	68.46	18,605.2	100.64	27.348.1	100.54	27,320.8
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7	1125-36080-1	Body Section	ton (Complete	ete	27.75	68.46	18,605.2	100.64	27.348.1	100.54	27.320.8
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27,425.6 27.425.6 NOMENT SIXY Z 68.80 18,754,7 100,44 27,380.5 100.61 100.61 E E JIM HILL G. ROBERTS OPR-2125 5/10/63 27.380.5 HOMENT I AXIS WEIGHT AND BALANCE REPORT NO. 100,44 PREPARED APPROVED ABA DATE 18.754.7 X AXIS
MOMENT WEIGHT AND BALANCE CHANGE RECORD 68.80 ARK Aro4(694)-046 25-36080-1 VEIGHT 272.60 272.60 9 0 CONTRACT NO.
LOT NO.
DRAVING NO.
U.O. HISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Complete EQUIPMENT CHANGE RECORD Body Section SKTRE WB-133 0000253 BOEDIG 6.3.12 DEDUCT ASSOCIATE CONTRACTOR
COMPONENT
HODEL NO.
SERIAL NO. ADD: 1125-36080-1 225-36080-1 PART NO TIME

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	6.3.13 VEIGHT AN	AND BALANCE CHANGE RECORD	ANGE RE	SORO.				
ASSOCIATE CONT	CONTRACTOR BOELING CONTRACT NO.	• Aro4(694)-046	940-	10	REPORT NO.	OPR-2128	8 0 ~	
HODEL NO. SERIAL NO.	WS-133 DRAWING NO. OCOO254 U.O. HISSILE	25-36080-1 755	7		PREPARED APPROVED	O. OCARD	러용	
	BOTTEMENT CRANGE RECORD			VEIGHT	AND BALANCE	LANCE		
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PART NO.	DESCRIPTION OF EQUIPMENT		ARK	MOMENT	ARM	HOHENT	VEV	MOMENT
225-36080-1	Body Section (As Weighed)	272.30	68.65	18.695.9	100.50	27.365.1	100.42	27.344.9
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1125-26080-1	Body Section (Complete)	272.30	68.65	18.695.9	100.50	27.365.1	100.42	87.344.9
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		6.3.1k	VEIGHT AND	AND BALANCE CHANGE RECORD	ANGE RE	QIQ				
40	ASSOCIATE CON	CONTRACTOR BOEING SKTRPT	CONTRACT NO.	940-(469)40 4V	940-(88	REPORT NO.	CPR-2117		
× ×	HODEL, NO.	WB-133		25-36080-1	-	# # 	PREPARED	JIM HILL		
S	SERIAL NO.	0000255	T.O. MISSILE	743		₹ 	APPROVED	G. OGARD		
3)		EQUIPMENT CHANGE RECORD	RECORD			VEIGHT	WEIGHT AND BALANCE	ANCE		
T D		-		VEIGHT	×	AXIS	ĭ	AXIS	2	AXIS
	PART NO.	DESCRIPTI	DESCRIPTION OF EQUIPMENT		ARM	MONENT	ARK	MOMENT	X2Y	NOMENT
격적	25-36080-1	Body Section	(As Weighed)	20.15	68.83	18,662.0	100.56	27.266.4 100.54	100.54	27.260.8
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目:	25-360fb-1	Body Section	(Complete)	21.15	68.83	18,662.0	100.56	Z7,266.h	100.54	27,260.8
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68.70 18,697.4 100.60 27.377.2 100.46 27.329.0 27,377.2 100.46 5/9/63 R. HOLCONG G. ROBERTS PR-2120 HOMENT X AXIS WEIGHT AND BALANCE REPORT NO. 100.60 APPROVED PREPARED ARM 68.70 18,697.4 HOMENT AXIS WEIGHT AND BALANCE CHANGE RECORD A Arot (694) -046 25-36080-1 747 VEIGHT 272.15 272.15 þ d CONTEACT NO.
LOT NO.
DRAVING NO.
U.O. HISSILE

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DESCRIPTION OF EQUIPMENT

EQUIPMENT CHANGE RECORD

BKTRR WS-133 0000256

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ASSOCIATE CONTRACTOR

6.3.15

Body Section (As Weighed)

25-36080-1

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Body Section (Complete

25-36080-1

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NODEL NO. SERIAL NO. COMPONENT

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4020	ASSOCIATE COMPONENT MODEL NO. SERIAL NO.	CONTRACTOR	BOETHG SICTIRE WB-133 COOC257	CONTRACT NO. LOT NO. DRAWING NO. U.O. HISSILE	Aro4 (694) -046 25-36080-1 750	3.1	2 2 2 2	REPORT NO. DATE PREPARED APPROVED	0PR-2123 5/9/63 JIM HILL 6. ROBERTS	27- 13- 21- 21- 21- 21- 21- 21- 21- 21- 21- 21	
IN		RQUIPHENT CHAN	IT CHANGE RI	GE RECORD			WEIGHT	Q P	BALANCE		
rı	PART NO.		DESCRIPTION OF	OF EDITIPMENT	VEIGHT	×	AKIS	M NG Y	I AXIS	2 76.	AXIS
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רב	3	\bot	Body Section ()	(As Weighed)	271.85	68.73	18,683.6	100.41	27,296.5	100.71	27.377.9
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<u> </u>	9 1125-36080-1	+H	Body Section ((Complete)	271.85	68.73	18.683.6	100.41	27.296.5	100.71	27.377.9
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		6.3.17	VEIGHT AND	Balance Change Record	ANGE RB	නහ				
550-0	ASSOCIATE CON	CONTRACTOR BORING SKTRT	CONTRACT NO.	940-(469)4QEV	940-(340	REPORT NO.	OPR-2126 5/10/63	9	
	NODEL NO. SERIAL NO.	WB-133 0000258		25-36080-1 753		E 2	PREPARED APPROVED	JIM HILL G. ROBERIS	THE STATES	
		SHARD CHANG	AE PECORO			VEIGHT	AND BALANCE	ANCE		
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	PART NO.	DESCRIPT	DESCRIPTION OF EQUIPMENT	-	ARM	HOMENT	ARM	MOMENT	ARM	MOMENT
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N	25-36080-1	Body Section	(As Weighed)	270.60	68.81	18,620.0	100.32	6.741.75	100.63	1,622,12
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=	25-36080-1	Body Section	(Complete)	270.60	68.81	18.620.0	100.30	27.147.0	100.63	27.229.4
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		6.3.18	WETGRE AND	AND BALANCE CHANGE RECORD	ANGE RE	2080				
40	ASSOCIATE CON	CONTRACTOR BUELING ENTRY	CONTRACT NO.	APO4 (694)-046	940-(BEE DA	REPORT NO.	5/11/63	81 ~	
X 40	NODEL NO. SERIAL NO.	WS-133 0000259	DRAVING NO.	25-36080-1 756	r.	E 2 	PREPARED APPROVED	G. OCARD	出品	
3		CHANGE RECORD	GBG			VETGHT	AND BALANCE	LANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	F EQUIPMENT	TOWNS.	VEV	MOMENT	ARK	HOMENT	ARM	WOMENT.
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		6.3.19 VEIGHT AN	WEIGHT AND BALANCE CHANGE RECORD	ANGE RE	OBO.				
	ASSOCIATE CONT.	ASSOCIATE CONTRACTOR EQUING CONTRACT NO. COMPONENT SKITET LOT NO.). Aro4(694)-046	-046	2 2	REPORT NO. DATE	OPR-2133 5/16/63	33	
	MODEL NO. Serial no.	WB-133 DRAWING NO. O. O. MISSILE	<u>25-36080-1</u>	-	E 3	PREPARED APPROVED	W. BAIRD G. OGARD	88	
1 3		COULD SONTH AMERICA			VETGHT	AND BALANCE	ANCE		
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	PART NO.	DESCRIPTION OF EQUIPMENT	"ELUMI	ARK	HOMENT	8	MOHENT	ARA	YOME:
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1	225-36080-1	Body Section (As Weighed)	272.10	68.87	18,739.8	100,38	27, 312,4	99'σοι	27,390.2
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		6.	3.20		WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	20100				
7.0	ASSOCIATE CONCOMPONIENT	CONTRACTOR	BOETHG	88	CONTRACT NO. LOT NO.	940-(469)40 4V	940-	88	REPORT NO.	OPR-2136 5/11/63	æ	
# W	HODEL NO. SERIAL NO.		WS-133 0000261	 	DRAWING NO. U.O. KIESTIE	25-36080-1 763	-		PRSPARED APPROVED	W. BAIRD G. CCARD	88	
3)		MANATOCA	T CHANGE RECORD	RECORD				WEIGH	WEIGHT AND BALANCE	ANCE		
a1	PART NO.		DESCRIPTION	ESCRIPTION OF EQUIPMENT	ENT	VEIGHT	X	AXIS	Y	AXIS	2 447	AXIS
7	225-36080-1	Body S	ection (ection (As Weighed)		272.90	68.85	18,785.5	100.64	57,464.9	100.50	27,426
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7	1125-36080-1	Body 8	Section (Complete	Complete)		272.90	68.85	18,785.5	100.64	27.464.9	100.50	27,426
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	6.3.20	WEDGET AND	BALANCE CHANGE RECORD	ANGE REC	QQQ				
ASSOCIATE	CONTRACTOR		940-(469)40 4V	940-(2	REPORT NO.	OF 12-879	8	
COMPONIENT MODEL NO. SERIAL NO.	BKTRK WS-133	DRAVING NO. 107 NO.	25-36080-1 766	7-7	8	DATE PREPARED APPROVED	5/21/6 R. 6T. B. WAR	5/21/63 R. ST. ROWALT B. WARRENDER	
3					WEIGHT	AND BALANCE	ANCE		
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PART NO.	DESCRI	PTION OF EQUIPMENT	TUDTO	ARM	MOMENT	ARM	MOMENT	ARM	THEMON
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11 25-36080-1	0-1 Body Section	(Complete)	273.15	68.77	18,785.4 100.54	100.54	27.462.7	100.56	27.467.9
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		6.3.22	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	CEC				
ASSOCIATE	TE CONTRACTOR		CONTRACT NO.	940-(469)4027	अहर-(RE	REPORT NO.	OPR-2142	QI .	
NODEL NO. SERIAL NO.	: : :	WS-133 0000263	DRAWING NO. U.O. HISSILE	25-36080-1 769		E 2 	PREPARED APPROVED	R. ST. ROWATH B. WARRENDER	RCWATK	
3	1 MOTTON	HOWER SEARCE SEARCH	6			VEIGHT	VEIGHT AND BALANCE	ANCE		
NI 7	and the same	AL CHANGE RECO		Vernum	×	AXIS	1	T AXIS	2	AXIS
PART NO.	M.	DESCRIPTION OF	tion of equipment	Tenta	ARM	MOMENT	ARM	HOMENT		MOMENT
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PART NO. WELLY DESCRIPTION OF EQUIPMENT TT3 PART NO. DESCRIPTION OF EQUIPMENT TT2 25-36080-1 Pody Section (Complete) 272.45 25-36080-1 Pody Section (Complete) 272.45	BOEING CONTRACT NO.	Aro4(694)-046		REPORT NO.	OPR-2145		
PART NO. DESCRIPTION OF EQUIPMENT 25-36080-3 Part an (As Weighed) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 25-36080-3 Part Section (Complete) 27-45	DRAWING NO.	25-36080-1 TT3		PREPARED APPROVED	R. HOLCOMB B. WARREIDER	XG TOER	
PART NO. DESCRIPTION OF EQUIPMENT 25-36080-1 Body Section (As Weighed) 25-36080-1 Body Section (Complete) 272.45 272.45			VEIGHT	F AND BALANCE	ANCE		
### NO. DESCRIPTION OF EQUIPMENT #### Body Section (Complete) ##################################		WETGHT	X AXIS	H	AXIS	2	AXIS
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25-36080-1 Body Section (Complete) 272.45]]	П	1 1		- 1277.0		
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25-36080-1 Body Section (Complete) 272.45							
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	(Complete)	272.45 68.84	4 18.7%·4	100.37	27.354.0	100.05	21,423.3

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		6.3	6.3.24	VEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RD	CORD				
∢ 0	ASSOCIATE CONC	CONTRACTOR BO	KING	CONTRACT NO.	AFO4 (694) -046	970- (2 2	REPORT NO.	· 078-2131	=	
Z 0	HODEL NO. SERIAL NO.		WS-133 0000265	DRAVING NO. U.O. HISSILE	25-36080-1 758			PREPARED APPROVED	G. OCARD	130	
31		NARY TRANSTER	HANGE RECORD				VEIGHT	WEIGHT AND BALANCE	LANCE		
TD					VEIGHT	X	AXIS	I	AXIS	2	AXIS
	PART NO.	DESC	DESCRIPTION OF EQUIPMENT	QUIPHENT		ARM	HOMENT	ARM	HOHENT	ARM	MOMENT
٦N	25-36080-1	Body Section	tion (As Weighed)	(ghed)	272.25	68.87	18.750.0	100.46	27.351.0	100.58	9.135.72
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目	25-36080-1	Body Section	tion (Complete	rte)	272.25	68.87	18,750.0	100.46	27.351.0	100.58	27.381.6
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ASSOCIATE CONTINUED: ASSOCIATE CONTINUED:			6.3.25 VI	VEIGHT AND BALANCE CHANGE RECORD	MIANCE CH	ANGE RE	S) ED				
NEGATION NEGATION	48	SSOCIATE CON	BOKTNO	£ 4	AFO4 (694	940-(NO DA	PORT NO.	1		
### NEIGHT AND BALANCE PART N. M.	* 0	ODEL NO. ERIAL NO.		TING NO.	25-36080 761	7	E 2	SPARED PROVED	T. WGE	اواد	
25-3620-1 Body Section (Complete) 25-3620-1 Body Section (Complete) 25-3620-1 Body Section (Complete) 25-3620-1 Body Section (Complete) 27-3620-1 Body S	7						VETOR		ANCE		
25-3600-1 Boar Section (As Weighed) 273.65 68.76 18,027.2 100.51 27,505.5 100.65 100.50 100.50 100.65 100.50 100.65 100.50 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.50 100.65 100.65 100.50 100.65 100.6	NI?	-			UPTODA	X	AXIS	1	AXIS	2	AXIS
25-36080-1 Body Bectifon (is Weighted) 273.65 68.76 18,837.2 100.51 27,505.5 100.65 25-36080-1 Body Section (Complete) 273.65 68.76 18,837.2 100.51 27,505.5 100.65		PART NO.	DESCRIPTION OF EQUIPM	1		ARK	HOMESMI	ABK	HOMENT	ABA	MOMENT
Milbit 0 Milbit 0 Milbit 0 Milbit 10 Mil	구칙	25-36080-1	g)	273.65	68.76	18,817.2	100.51	27,505.5	100.65	27,543.2
Medical Dock Secution (Complete) 273.65 68.76 18.817.2 100.51 27.505.5 100.65	M 3										
25-3680-1 Body Section (Complete) 273.65 68.76 18.817.2 100.51 100.65	7		Am		0						
25-3600-1 Body Section (Complete) 273.65 68.76 18.817.2 100.51 27.505.5 100.65	-										
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		6.3.26	VEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	20100				
4020	ASSOCIATE CONTRACTOR CONFORBIT MODEL NO. SERIAL NO.		CONTRACT NO. LOT NO. DRAVING NO. U.O. MISSILE	Aro4(694)-046 25-36080-1 764	-046		REPORT NO. DATE PREPARED APPROVED	5/17/63 W. BAIRD G. OGARD	∺ ~88	
						VEIGHT	VEIGHT AND BALANCE	LANCE		
רוא	İ	MULTIBUL CRANCE	AB KEKURU	VETABLE	×	AXIS	I	AXIS	2	ACES
	PART NO.	DESCRIPTI	tion of equipment	TONTON	ARM	MOMENT	ABA		VEN	MOMENT
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1	1125-36080-1	Body Section	(Complete)	271.05	68.85	18,662.35 100.45	100.45	27.227.37 100.63	100.63	27.276.21
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			6.3.27	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	30R0				
48	ASSOCIATE CON	CONTRACTOR	BOETING	CONTRACT NO.	Aro4(694)-046	940-(1	1	REPORT NO.	OPR-2140	04	
¥ 55	MODEL NO. SERIAL NO.		WS-133 0000268	DRAWING NO. U.O. MISSILE	25-36080-1 767	1-1	 	PREPARED APPROVED	R. HOLCOMB B. WARRENDER	COMB RETDER	
3		FORTBARN	CHANGE CHANGE				WEIGHT	WEIGHT AND BALANCE	LANCE		
r In		1000	TOTAL MANAGE		WETGHT	×	AXIS	Y	Y AXIS	2	AXIS
1	PART NO.	<u> </u>	DESCRIPTION OF EQUIPMENT	EQUIPMENT		ARM	MOMENT	ARM	MOMENT	ARM	NOMENT
74	25-36080-1	Body 8	Body Section (As We	(As Weighed)	272.00	68.8		100.50	27,335.0	100.57	27,354.8
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42	25-36080-1	Body Section	ection (Complete	cte)	ZZ2.00	88. 89.	18,725.2	100.50	27,335.0	100.57	27,354.8
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WE-133 DRAFTON IN 1895128 TT2	ASSOCI	44.0			APO4 (694	940-	18	PORT NO		3.	
PROTECTION OF EQUIPMENT VEIGHT X AXIS X	NODEL SERIAL	. 10	WB-133 0000269	DRAVING NO.	25-36080. TT2			PROVED	R. ST. B. WAR	ROMAIN	
DESCRIPTION OF EQUIPMENT VEIGHT ABM NOVERT ABM	3		SOTEMBER CHANGE DE	es es es es es es es es es es es es es e			VEJGHT	AND BA	LANCE		
DESCRIPTION OF EQUIPMENT ABN HONEST ABN	1				VETGUE	×	AXIS	I	AXTS	2	AKES
Rody Section (de Weighed) 274.00 68.87 18,869.3 100.61 27,567.7 100.51 And: 0		T 10.	DESCRIPTION	OF EQUIPMENT	10000	ı		1		Ł	MOMENT
And: Decay Section (Complete) Decay Sectio	1 225-36	1-080-1		Vetahed		68 87	18 860 3	100 61	27 567 7	100	97 GLO 9
MENUCY: Dody Section (Complete) 274.00 68.87 18.869.3 100.61 27.567.7 100.51	FT -]]		11						-10771
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Body Section (Complete) 274.00 68.87 18,869.3 100.61 27,567.7 100.51	æ	+	Trients (Cent.								
Body Section (Complete) 274.00 68.87 18,869.3 100.61 27,567.7 100.51	0		· TAMPA								
Body Section (Complete) 274.00 68.87 18,869.3 100.61 27,567.7 100.51	10										
	125-3	1-000	-	mplete)	∞.47 <u>z</u>	68.87	18,869.3	100.61	21.567.7	100.51	27,540.2
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68.63 18,661.9 100.50 27,321.8 100.63 27.321.8 100.63 W. BAIRD G. CCARD OFR-2116 5/58/63 MOHENT WEIGHT AND BALANCE Y AXIS REPORT NO.
DATE
PREPARED
APPROVED ARM 18,661.9 100.50 HOMENT X AXIS WEIGHT AND BALANCE CHANGE RECORD 68.63 ABA Aro4(694)-046 25-36080-1 774 271.90 WEIGHT 271.90 0 0 CONTEACT NO.
LOT NO.
DRAVING NO.
U.O. HISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete) EQUIPMENT CHANGE RECORD 0000270 BOETING SECTION WB-133 6.3.29 DEDUCT: ASSOCIATE CONTRACTOR άŢ

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NODEL NO. SERIAL NO. COMPONENT

> NO.D2-13946-6 BOEING PAGE 191

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		6.3.30 VEIGHT AID	BALANCE CHANGE RECORD	ANGE REC	ΩBΩ				
38	ASSOCIATE CONT	CONTRACTOR BOEING CONTRACT NO.	ATO4 (694) -046	940-	2 2	REPORT NO.	OFR-2150	R	
	HODEL NO. SERIAL NO.	WS-133 DRAVING NO. 0.0. HISSILE	25-36080-1 TT9		\$ & & 	PREPARED APPROVED	JIM HILL G. OGARD	HB	
21		EDUTPHENT CHANGE RECORD			VEIGHT	AFE	BALANCE		
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上	FARE MO.	DESCRIPTION OF EQUIPMENT		ARM	MOMENT	AEX.	MOMENT	YES.	WOMENT.
Ŕ	225-36080-1	Body Section (As Weighed)	274.35	68.89	18,898.9	100.66	27,615.3	100.66	27,616.9
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नैः	1125-36080-1	Rody Section (Complete)	274.35	68.89	18,898.9	100.66	27.615.3	99.001	27,616.9
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LOT NO.
DRAYING NO. U.O. MISSILE DESCRIPTION OF EQUIPMENT Body Section (As Weighed) Body Section (Complete EQUIPMENT CHANGE RECORD 0000272 SKTRT WS-133 6.3.31 BOLITIG DEDUCE: ADD: ASSOCIATE CONTRACTOR 2 25-36080-1 11 25-36080-1 PART NO. SERIAL NO. COMPONENT HODEL NO. 45 TIME

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		6.3.32	32	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	20100				
ASSOCIATE	LIE CON	ASSOCIATE CONTRACTOR BOTHIG SICIET	7. 7.	CONTRACT NO.	APO+(694)-046	940-(IN DA	REPORT NO.	OFR-2156		
SERIAL NO.	. Š	WS-133 0000273	33	DRAWING NO. U.O. HISSILE	25-36080-1 785			PREPARED APPROVED	O. OCARD		
31		EDUTPHENT CHANGE RECORD	MGE RECORD				WEIGHT	WEIGHT AND BALANCE	ANCE		
an					VEIGHT	X	AXIS	Y	AXIS	2	AXIS
NA.	PART NO.	DESCRI	DESCRIPTION OF EQUIPMENT	HILLENE		ARM	MOMENT	ARM	MOMENT	ARM	MOMENT
1-0805-522	1-08	Body Section	Hg.	(As Weighed)	273.45	68.89	18,836.7	100.57	27.500.0	100.73	27.545.12
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11 25-36080-1	280-1	Body Sectio	on (Complete)	lete)	273.45	68.89	18,836.7	100.57	27,500.0	100.73	27.545.1
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STATE PARTICIPA SCRIPT PARTICIPA P		6.3.33	VEIGHT AND	AID BALANCE CHANGE RECORD	ANGE RE	2080				
WE-133 DRAVING NO. 25-36080-1 APPROVED R. ST. RAMAIN DESCRIPTION OF EQUIPMENT AND MALANCE AND MAL	ASSOCIATE COMPONENT	BOFING	E +	APO4 (694)	940-	IN C	보	OPR-21 5/15/6	8 ~	
PRICE PROPER PROPER PROPER AND BALANCE 2 AND STR. AND BALANCE AND BA	NODEL NO. SERTAL NO.		AVING NO.	25-36080- 757			PROVED	R. ST. B. WAR	ROWATH	
DESCRIPTION OF EQUIPMENT VELOGIT AM NOWEST AM NOWEST AM	31	EQUIPMENT CHANGE RECORD				VEIGHT		ANCE		
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		6.3.34	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE BE	QBQ.		
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		6.3.35 WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	8 8				
	ASSOCIATE CONTRACTOR COMPONENT MODEL NO. SERIAL NO.		Arok (69k) -046 25-36080-1 765	940-(1		REPORT NO. DATE PREPARED APROVED	978-2138 5/21/63 JJN HILL G. OGARD		
31		EUIPHEFF CHANGE RECORD			VEIGHT	AND BALANCE	ANCE		
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7	1-08095-52	Body Section (As Weighed)	272.50	68.76	18,736.4	100.34	27.341.5	100.65	27.426.5
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ASSOCIATE CO	CONTRACTOR POET	TIG CONTRACT NO.	940-(469) 40 4V)-O46	38	REPORT NO.	6PR-2141	7	
NODEL NO.	WS-133 0000278		25-36080-1 768	1-1	S & 2	PRSPARED APPROVED	R. ST. B. WARR	ST. ROWLIN	
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ASSOCIATE CONTRACTOR ACCUSTANCE RECORD CONTRACT NO. 25-36-36-3 PRIZE ALIES ALI	لــا			6.3.37 VEXMET AND	Weighe and Balance Change Record	LANGE RE	0800				
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PART NO. DESCRIPTION OF EQUIPMENT VEIGHT ARM MONENT ARM AR	INI			EQUIPMENT CHANGE RECORD		,		AND BAI	ANCE		
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ASSOCIATE CONTRACTOR EDELING CONTRACT NO. APOlt (694) - O-0-6 DELING CONTRACT NO. APOlt (694) - O-0-6 DELING CONTRACT NO. C				6.3.38	VEIGHT AND BALANCE CHANGE RECORD	BALANCE CE	ANGE RE	20120				
DELUCT; DELU	40			BOEING	CONTRACT NO.	AFO4 (694)	940-	Yd	REPORT NO.	SPR-2148	848	
### NO. DESCRIPTION OF EQUIPMENT VEIGHT X AXIS 25-36080-1 Body Section (As Weighed) 272.25 68.86 18.7 AND. O	_ 	DDEL NO.		WS-133 0000280	DRAWING NO.	25-36080- TTT		E &	PREPARED APPROVED	W. BAIRD G. OGARD	වඩ	
PART NO. DESCRIPTION OF EQUIPMENT WEIGHT X 25-36080-1 Body Section (As Weighed) 272.25 68.86 25-36080-1 Body Section (Complete) 272.25 68.86	3		CONTRACT.		XXX			WEIGHT	WEIGHT AND BALANCE	ANCE		
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MONE, NO. 185-133 DRAVING NO. 25-36050-1 PRESTED NO. 18-133 DRAVING NO. 25-36050-1 PRESTED NO. 25-36050-1 P				1	APO4 (694)	940-(2 2	Ŀ		FI CO	
### PAMP NO. DESCRIPTION OF EQUIPMENT VEIGHT ARM MONENT AR		IODEL NO.	WS-133 0000281	40	25-36080- 780	ا ا	E 2	PROVED	W. BAI	22	
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252-36050-1 Body Section (As Weighed) 272.30 68.72 18.712.8 100.54 27.375.9 100.53 5	_ <u>l</u> '	PART NO.	TON OF	EQUIPMENT		ARM	MOMENT	ARM	MOMENT	VBV	MOMENT
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	HODEL NO. SERIAL NO.		DRAWING NO. U.O. MISSILE	25-36080-1 783	-	: E 3	PREPARED APPROVED	OF STATE	1-3 E	
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	PART NO.	DESCRIPTION OF EQUIPMENT	Į.	TENTE	ARM	MOMENT	ARM	HOMENT	ABA	TYCHON
ন্শ	25-36080-1	Body Section (As Weighed)		274.15	68.71	18,836.1 100.49	100.49	27,548.2		27,582.4
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173	25-36080-1	Pody Section (Complete)		274.15	68.71	18,836.1 100.49	100.49	27.548.2	100.61	27.582.4
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AND COMPANY ADDITION ADDITI			6.3.41	WEIGHT AND	AND BALANCE CHANGE RECORD	ANGE RD	20100				
No. 133 Disavine No. 185-133 Disavine No. 185-133 Disavine No. 185-133 Disavine No. 185-136 Disavine No.	ASSOC			CONTRACT NO.	APO4 (694	940-(1	BE	PORT NO.	OFR-2157 6/14/63		
### NO. DESCRIPTION OF EQUIPMENT X AXIS T AXIS Z AXIS X AX	SERIA	. NO.	WS-133 0000283	DRAWING NO. U.O. MISSILE	25-3608 786		E 3	PROVED	RH/CB B. WARRE	MODER	
PART NO. DESCRIPTION OF EQUIPHENT VEIGHT ARM HOWENT ARM HOWENT ARM HOWENT ARM MOWENT ARM MOWENT ARM MOWENT ARM MOWENT ARM MOWENT ARM				PETORD			WEIGHT		ANCE		
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25-36080-1 Body Section (As Weighted) 273.05 68.99 18.613.9 100.51 27.445.5 100.67 memory: Description (Complete) 273.05 68.99 18.613.9 100.51 27.445.5 100.67 25-36080-1 Body Section (Complete) 273.05 68.99 18.613.9 100.51 27.445.5 100.67		RF NO.	DESCRIPTION	n of equipment		ARM	HOMENT	ARM	HOMENT		MOMENT
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25-36080-1 Body Section (Complete) 273.05 68.99 18,813.9 100.51 27,445.5 100.67	1			Januaron en	75:53	2.3	1 1	*****	51,772.2	10:00	5,000,13
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25-36080-1 Body Section (Complete) 273.05 69.90 18,813.9 100.51 27,445.5 100.67	90										
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			6.3.42	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	QIQ				
550-0	ASSOCIATE (COMPONENT	CONTRACTOR	BOITEIG SKIRT	CONTRACT NO.	AFO4(694)-046	940-	2 2	REPORT NO.	OPR-2149	81,	
	HODEL NO.	1-1	WS-133	DRAVING NO.	25-36080-1	4	E :	PREPARED	W. BATRO	98	
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	PART NO.	-	DESCRIPTION OF	PTION OF EQUIPMENT		ARM	MOMENT	ABM	MOMENT	VEY	HOME
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<u>नः</u>	25-36080-1	Pedy	Section (Com	Complete)	272.70	68.87	18,780.6	100.63	87.441.3	100.67	27 453.8
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ASSOCIATE CONTENCTOR ENGINE CONTENCT BY CONTENT BY CONTENT			6.3.43	VEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	CHO				
PART NO. 153-133 DRAWING NO. 25-36080-1 PRESARED			TEOE	CONTRACT NO.	APO4 (694	940-(32	PORT NO.	0PR-21.52	Q	
EQUIPMENT CRANGE RECORD		NODEL NO.	WS-133	DRAYING NO.	25-36080		5 E	PARED	W. PAIRD	a	
Part No. Description of Equipment Arm Ar		SERIAL NO.	0000586	U.O. MISSILE	1		3	PROVED	G. OCARD	e	
PART NO. DESCRIPTION OF EQUIPMENT VEIGHT ARM MONENT ARM	3)		BOCCER SENANT CHANGE RECORD	a			VEIGHT	AND BAI	ANCE		
### NO. PERCRIPTION OF EQUIPMENT ARM NO. PERCR. 18.744, 3 100, 48 18.3680-1	u T				WEIGHT	1	AXIS		AXIS	2	3
25-3600-1 Body Section (As Weighed) 272.40 68.81 18,744,1 100.48 And: DESUCT: 0 DESUCT: 0 Rection (Complete) 272.40 68.81 18,744,3 100.48		_	DESCRIPTION OF	EQUIPMENT		ARK	MOMENT	ARM	MOMENT	ABA ABA	NOMENT
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	6.3.44	WEIGHT AND BALANCE CHANGE RECORD	BALANCE CH	ANGE RE	යාග				
ASSOCIATE CONT	CONTRACTOR BOETING	CONTRACT NO.	APO4 (694)-046	940-(BE COLOR	REPORT NO.	OPR-2155	55	
NODEL NO. SERIAL NO.	WS-133 0000287	DRAWING NO. U.O. HISSILE	25-36080-1 784	-		PREPARED APPROVED	JIM HILL G. OGARD	118	
	CHANGE BECOME				VEIGHT	VEIGHT AND BALANCE	ANCE		
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PART NO.	DESCRIPTION OF EC	EQUIPHENT		ARM	MOMENT	ARM	HOMENT	ARM	THEMOK
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BOEING NO. D2-13946-6

68.82 18.645.9 100.45 27.217.4 100.69 27.203.7 7,692,75 69,601 4,719,75 MOMENT SIXY Z ğ 078-212 5/15/63 T. VOCEL G. OGARD HOHENT WEIGHT AND BALANCE Y AXTS REPORT NO. 18.645.9 100.45 PREPARED APPROVED ARM X AXIS MOMEST WEIGHT AND BALANCE CHANGE RECORD 68.82 ARK APO4 (694) -046 25-36080-1 759 VEIGHT 270.95 270.95 0 0 DRAVING NO. U.O. HISSILE CONTRACT NO. DESCRIPTION OF EQUIPMENT Bedy Section (As Weighed) Body Section (Complete ROTHERT CHANGE RECORD SKIRT WS-133 0000349 6.3.45 DOETEG DEDUCT: ASSOCIATE CONTRACTOR ATD: 9 01 01 01 225-36080-1 PART NO. NODEL NO. SERIAL NO. CONTROPER 코코코코로 त्रतात्रात्र**राज्यसम्बद्धारा स**न्नय TIME

2-5550-0-11 R1

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.4	BASE HEAT DEFLEC	ror		
	SERTAL NUMBER	25-36379-1	25-36378-1	25-36377-1
	0000230	5.87 lb.	15.62 lb.	25.51 lb.
	0000234	5.90	15.55	25.13
	0000240	5.88	15.52	25.39
	0000241	5-95	15.36	25.54
	0000242	5.94	15.46	25.30
	0000243	5-97	15.58	25.57
	0000244	5-97	15.50	25.55
	0000249	5.97	15.43	25.08
	0000250	5-94	15.52	25.48
	0000251	5.94	15.74	25.41
	0000252	5.88	15.63	25.24
	0000253	5.80	15.54	25.31
	0000254	6.05	15.57	25.55
	0000255	5-93	15.50	25.36
	0000256	5.91	15.45	25.42
	0000257	5.96	15.52	25.46
	0000258	6.01	15.71	25.38
	0000259	5.90	15.61	25.02
	0000260	6.01	15.64	25.47
	0000261	5.92	15.47	25.23
	0000262	6.01	15.54	25.29
	0000263	5.95	15.36	25.49
	0000264	6.02	15.27	25.14
	0000265	5-95	15.50	25.18
	0000266	5.79	15.62	25.66
	0000267	5.91	15.66	25.49
	0000268	5.97	15.67	25.26
	0000269	5-93	15.64	25.11
	0000270	5.94	15.48	24.94
	0000271	5.97	15.57	25.28
	0000272	5.90	15.50	25.05
	0000273	5.88	15.70	25.44
	0000275	5.89	15.44	25.46
	0000276	5.92	15.66	25.49

U1 4906 2000 REV. 6/6

2-0140-2

REV SYM____

NO. 12-13946-6

6.4	BASE HEAT DEFLEC	TORS (CONT.)		
	SERIAL NUMBER	25-36379-1	25-36378-1	25-36377-1
	0000277	5.90 lb.	15.54 lb.	25.14 16.
	0000278	5.91	15.42	25.23
	0000279	5.96	15.52	25.77
	0000280	5.93	15.60	25.42
	0000281	5.94	15.33	25.40
	0000282	6.00	15.54	25.2 3
	0000283	5.96	15.28	25.5 5
•	0000285	5.81	15.63	25.22
	0000286	5.91	15.75	25.36
	0000287	6.00	15.70	25.18
				_

6.00

0000349

15.50

25.63

REV SYM.